

## CLIMATOLOGICAL DATA FOR MAY, 1911.

## DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

## GENERAL SUMMARY.

In parts of Montana and Wyoming, and in a few localities in the lower portion of the district, there was a fair amount of rainfall and the temperatures were quite moderate. In by far the greater portion of the drainage area, however, the month was unseasonably warm and dry, and several days of unusually high temperatures, bright sunshine, and low humidity intensified the effects of the deficient precipitation. The coolest weather was during the early days of the month, and there was frost throughout the district, but there appears to have been no damage from either frost or freezing temperatures, except in the northern part of South Dakota, and in the Black Hills of the same State, where fruit suffered to a limited extent. At the close of the month the need of rain was general in the country to the east of the foothills of the Rocky Mountains; this need was most marked in South Dakota, Nebraska, Kansas, and Missouri. In Colorado there was a shortage of water for irrigation, on account of the slow melting of snow in the higher mountains. Early in the month strong winds caused some local damage in South Dakota by blowing seed out of sandy soil.

On May 18, about 6 p. m., storms of a tornadic character occurred in Brookings, Moody, and Minnehaha Counties, in east-central South Dakota, on the Minnesota line. There was considerable damage to crops and buildings by wind and hail; several persons were injured, but none was killed, so far as known. With this exception the month was unusually free from severe storms.

## TEMPERATURE.

On the 2d an area of high atmospheric pressure covered the lower portion of the district, having moved across the entire drainage area within 48 hours. It was accompanied by the coldest weather of the month, and temperatures below the freezing point were general as far south and east as Omaha, while in the country lying to the southward and eastward of Omaha the lowest readings at most stations closely approximated the freezing point. The temperature began to rise on the 3d, and by the 5th was above the normal in almost all the district. During the remainder of the month it continued higher than the seasonal average, except in Montana and parts of Wyoming and western North Dakota. The warmest day in Montana was the 5th, and in Wyoming it was the 31st. At the various stations in the remainder of the district the maximum temperature for the month occurred on dates varying between the 9th and the 28th. At several of the stations in the lower part of the district, or below Omaha, new records for high temperatures in May were established. The mean daily temperature excess for the month was greatest along the Missouri River below Kansas City, and in the eastern part of South Dakota, where it amounted to from 4° to 5°. In the other parts of the drainage area lying to the east of the foothills there was a general, but less marked excess, and in the foothills and Rocky Mountain country numerous localities had a deficiency.

## PRECIPITATION.

In Missouri most of the rain fell after the 18th. To the westward and northward of Missouri there was a fair distribution of showers through the month. In parts of Montana, and in northwestern North Dakota and northwestern Wyoming the total precipitation for the month was somewhat above the normal. Also at a few widely separated localities in the lower part of the district local falls of rain were heavy enough to make the entire amount of the month greater than the seasonal average. In most of the drainage area, however, there was a marked deficiency, which was most pronounced over the watersheds of the Osage and the Gasconade Rivers, and along the Missouri River from Kansas City eastward to the mouth. The greatest amount of precipitation for the entire month was 11.75 inches at Halfmoon Pass, Mont., and the greatest amount in 24 consecutive hours was 4.10 inches at Fullerton, Nebr., on the 14th. During the early days of the month there was some snow as far eastward and southward as the confluence of the Kansas and the Missouri Rivers. The fall was moderately heavy in some of the mountain country, but in the lower territory it was light and very scattered. The greatest amount for the month was 35.5 inches at Woodrock, Wyo.

## RIVERS.

In Montana most of the streams were high for the season, and there was a flood stage in the Yellowstone River for several days. In no other portion of the drainage area were the stages as high as the normal; in fact, they were unusually low. At the end of the month the discharge of the Belle Fourche River, which feeds the Government reservoir of the same name in South Dakota, was 19 second-feet, the lowest discharge ever recorded. There was very little fluctuation in the Missouri River. At Hermann, Mo., 103 miles from the mouth of the river, there was a gradual decrease in the height of the water throughout the month. Daily readings of the stages of the Missouri were begun at Omaha, Nebr., in 1872, and at Hermann, Mo., in 1873. The average stage at Hermann was lower during the month just passed than in any other May covered by the records. It was unusually low at Omaha also, but in May, 1872, there was a lower mean stage. It does not necessarily follow that the river at Hermann was lower in May, 1872, than in the same month in 1911, for in 1872 the rains may have been heavier below than they were above Omaha; but as a rule proportional stages prevail to the south of Sioux City, and it is a fair assumption that the river from Sioux City or Omaha to the mouth was lower in May, 1872, than in May of this year. At St. Louis the mean stage of the Mississippi was lower than for any other May covered by the records, which extend back to and include 1861, and was a result of the coincident very low stages of both the Missouri and the Mississippi, above the mouth of the Missouri, a condition that does not exist often.

TABLE 1.—Climatological data for May, 1911. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.			
<i>Wyoming.</i>																		
Arapahoe.	Fremont.	2														A. E. Deitz.		
Barnum.	Johnson.	5,500	6													Thos. Freeguard.		
Basin.	Bighorn.	3,862	12	56.5	0.0	89	5†	30	12†	47	2.04	0.90	0	6	14	nw.		
Bennett.	Carbon.	2										0.62	0	4	18	9	w.	
Big Creek.	do.	7,500	2	47.8		75	31	18	11	43†	0.88	0.21	0	5	20	10	sw.	
Casper.	Natrona.	5,101	2	55.8		97	30	29	1†	65	2.06	0.28	0	7	7†	17*	sw.	
Centennial.	Albany.	8,074	8	47.4		75	31	22	11	41	0.55	0.16	3.1	10	7	5	w.	
Cheyenne.	Laramie.	6,088	40	52.2	+ 1.2	79	25	25	1	42	0.33	- 2.10	0.13	T.	11	9	U. S. Forest Service.	
Chugwater.	do.	5,282	10	53.3	+ 2.7	83	25	20	2	50	0.06	- 2.52	0.02	0	3	14	14	M. C. Cook.
Clark.	Park.	4,320	5	55.2		87	5	33	27	37	1.54	0.76	0	7	13	9	Louis A. Gregory.	
Cody.	do.	5,000	4	54.7		87	31	30	11	48	T.	T.	0	4	13	14	U. S. Weather Bureau.	
Crazy Creek.	do.	6,528	1	41.3		73	5†	11	7	52	2.02	0.70	0.1	12	10	8	A. H. Woolever.	
Dome Lake.	Sheridan.	8,821	3	38.4		67	31	16	1†	36	3.14	1.50	16.5	10	12	17	Chas. A. C. Snow.	
Douglas.	Converse.	4,793	2	53.1		84	31	29	26	44	2.16	0.88	0	9	13	15	C. W. Dibble.	
Dubois.	Fremont.	6,969	4	45.0		74	31	19	12	49	2.09	0.88	0	9	15	Jas. Smith.		
Eaton's Ranch.	Sheridan.	4,600	6	52.6		92	31	23	1	50*	2.78	0.87	0	7	16	13	Abel Mills.	
Echeta.	Crook.	4,200	2								1.71	0.60	0	5	20	9	Henry C. Miller.	
Elk Mountain.	Carbon.	6									1.19	0.30	19.5	7		Dr. F. H. Welty.		
Encampment.	do.	7,322	2	49.8 <sup>b</sup>		79	14	21	1	42*	0.32	0.16	0	3	7†	18*	F. A. Eaton.	
Ervay.	Natrona.	6,400	2	49.5		80	31	24	2†	46	1.77	0.70	0	7	11	11	M. R. Hunter.	
Fort Laramie.	Laramie.	4,270	33	55.1	- 0.4	89	9†	26	1†	46	0.53	- 1.83	0.25	0	4	13	17	Wm. Richardson.
Fox Park.	Albany.	9,015	1	37.9		65	25	10	1	42	0.40	0.40	4.0	1			U. S. Forest Service.	
Germania.	Bighorn.			56.0 <sup>c</sup>		84	31	31	11†	41	1.04	0.58	T.	5	11†	11†	John Hunton.	
Gillette.	Crook.	4,546	5	53.9		87	31	27	27	34	0.91	0.35	0	6	12	11	L. E. Watson.	
Horse Creek.	Fremont.			40.8		88	31	12	28	44	3.43	0.92	27.0	12	7	8	S. D. Perry.	
Hunters Station.	Johnson.	8,000	5	42.2		73	31	18	1†	43	2.65	1.21	6.0	14	14	8	Walter J. Hill.	
Hyattville.	Bighorn.	4,832	12	56.0	+ 1.3	88	31	30	27	43	0.15	0.05	0	4	10	13	U. S. Forest Service.	
Jirah.	Converse.	5,050	1			83	23	20	1	41	1.07	0.30	2.0	8	8	18	Wm. Booth.	
Kirtley.	do.	7	53.4			83	23	20	1	41	1.40	0.50	0	6	7	5	P. L. Ford.	
Knowles.	Crook.	4,500	2			83	23	20	1	41	1.06	0.48	0	10	18	8	D. M. ZumBrunnen.	
Lagrange.	Laramie.	4,510	1			83	23	20	1	41	1.06	0.48	0	6	16	5	Owen Shupp.	
Lander.	Fremont.	5,372	19	51.9	- 0.2	82	5	27	19	47	0.93	- 1.07	1.1	1.1	14	16	U. S. Weather Bureau.	
Laramie.	Albany.	7,188	20	48.9	+ 2.4	75	5†	21	1	41	0.30	- 1.28	0.08	0	6	28	University of Wyoming.	
Leo.	do.	6,878	10	47.8	+ 1.2	74	31	25	27	36	0.78	- 1.03	0.43	4.2	4	13	C. A. Cowdin.	
Lolabams Ranch.	Park.	7,052	7	47.8	+ 1.2	71	8	21	26	49	1.14	0.65	2.0	0	12	18	Mary E. Painter.	
Lovall.	Bighorn.	3,825	6	35.8		88	5	27	11	47	1.74	0.50	0	3	10	16	R. Fred Harrison.	
Lusk.	Converse.	5,007	21	52.2	+ 0.5	83	23†	28	26	48	1.52	- 1.27	0.80	0	3	16	D. E. Goddard.	
Manville.	do.	5,050	1			82	31	30	1†	45	1.26	0.50	2.0	9	11	3	C. A. Sherman.	
Moore.	Albany.	6,000	10	51.4	+ 2.1	82	25	22	1	48*	1.74	- 2.28	0.08	0	3	16	Edwin Moore.	
Newcastle.	Weston.	4,319	4	50.6		88	17†	26	2	48	0.63	0.21	T.	4	11	18	Dr. S. W. Johnson.	
Pattifinder.	Natrona.	6,735	5	53.6		82	31	30	1†	45	1.26	0.85	2.0	7	12	13	U. S. Reclamation Service.	
Phillips.	Laramie.	4,900	8	57.5		83	8	29	1	39	T.	T.	0	19	6	Mrs. Arthur Rugg.		
Pine Bluff.	do.	5,038	9			88	5	31	11	47	1.42	0.33	0	7	19	4	C. L. Beatty.	
Powell.	Park.	4,736	4	54.2		88	5	31	11	47	0.80	0.36	0.5	4	11	16	U. S. Reclamation Service.	
Rawlins.	Carbon.	6,748	10	52.0	+ 1.7	83	31	27	11†	42	0.74	- 1.00	0.34	5.0	6	15	E. J. Ehrenfeld.	
Saratoga.	do.	6,785	13	50.4	+ 0.3	80	31	22	28	46	0.28	- 1.45	0.10	4.0	5	6	G. Frederick Clark.	
Sheridan.	Sheridan.	3,790	16	52.4	+ 2.4	86	31	28	7	49	1.22	- 2.19	0.47	T.	12	9	U. S. Weather Bureau.	
Shoshone Dam.	Park.	5,385	5	52.7		85	5	28	26	48	0.63	0.28	T.	6	12	18	U. S. Reclamation Service.	
Soldiers Home.	Johnson.	4,635	19			72	31	18	7†	45	1.22	0.45	2.0	7	8	14	Geo. L. Courtney.	
South Pass City.	Fremont.	7,973	9	43.0		72	31	18	7†	45	1.22	0.45	2.0	7	8	14	John Sherlock.	
Thermopolis.	do.	4,350	7	55.6		89	31	31	7†	50	1.33	0.57	T.	8	15	15	A. L. Duhig.	
Upton.	Weston.	2									1.78	0.82	0	6	12†	15*	G. E. McPherson.	
Valley.	Park.	6,500	2								1.78	0.82	0	6	12†	15*	Jas. L. McLaughlin.	
Verona.	Sheridan.	4,360	2								0.93	0.41	4.0	7	7	20	O. A. Roode.	
Wants Ranch.	Carbon.	7,400	1								0.93	0.41	4.0	7	7	20	Ir. G. Want.	
Woodrock.	Sheridan.										0.93	1.30	35.5	14	14	10	U. S. Forest Service.	
Worland.	Bighorn.			59.6		88	5†	32	26	46	1.18	0.53	0.8	6	14	13	Harry S. Smith.	
Wyncote.	Laramie.	4,207	4	55.3		86	8	24	1	48	0.84	0.21	2.0	7	14	15	U. S. Reclamation Service.	
Yellowstone Park.	Yellowstone National Park.	6,200	23	44.2	- 3.2	77	31	24	27	43	2.19	+ 0.28	0.48	8.2	12	5	17	U. S. Weather Bureau.
(1) Fountain.	do.	7,220	5	40.8		74	31	14	27	46	2.45	1.00	13.0	10	25	0	6	Montana.
(2) Gallatin.	do.										0.75	0.20	7.5	7	7	11	U. S. Army.	
(3) Grand Canyon.	do.										0.75	0.63	19.9	11	4	11	Do.	
(4) Lake Yellowstone.	do.										0.75	0.55	16.0	5	25	0	6	Do.
(5) Norris.	do.										0.75	1.00	18.7	11	15	7	9	Do.
(6) Riverside.	do.										0.75	0.07	3	8	18	0	13	Do.
(7) Fairview Dome.	do.										0.75	0.08	2.0	6	2	2	27	Do.
(8) Sylvan Pass.	do.										0.75	0.85	5.5	11	16	3	12	Do.
(9) Thumb.	do.										0.75	0.65	15.0	3	12	0	19	Do.
(10) Tower Falls.	do.										0.75	0.05	4.0	15	0	16	Do.	
(11) Upper Geyser Basin.	do.										0.70	T.	8	18	5	17	Do.	
<i>Montana.</i>																		
Adel.	Cascade.	5,200	13	45.3	- 1.2	81	5	21	27	41	4.22	+ 0.71	0.95	15	11	11	9	w.
Agricultural College.	Gallatin.	4,700	14														Mrs. B. F. Burch.	
Augusta.	Lewis and Clark.	4,071	13	47.0	- 3.5	85	5	18	1	58	2.99	- 0.01	2.00	6	21	3	7	Prof. E. Burke.
Babb.	Teton.	4,461	5	45.7		79	5†	21	1	48	3.44	0.94	11.6	7	15	9	C. C. Covington.	
Bald Butte.	Lewis and Clark.	6,500	2									2.69	1.18	12.9	10	6	15	W. W. Alderson.
Bigtimber.	Sweet Grass.	4,072	5	51.8		85	5	25	1	47	4.01	1.10	7	7	15	6	F. A. Severance.	
Bigtimber Creek.	do.	2									5.44	1.37	10.7	12	6	15	J. T. Molsness.	
Billings.	Yellowstone.	3,115	18</td															

TABLE 1.—Climatological data for May, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of clear days.							
<b>Montana—Contd.</b>																						
Chouteau.	Teton.	3,810	7	51.84	88	5	32	17	40	24.48	2.48	0.91	0.74	7	11 <sup>d</sup>	94	7 <sup>d</sup>	w.	T. J. Moore.			
Clearcreek.	Chouteau.	6	2	51.84	88	5	32	17	40	24.48	2.48	0.91	0.74	8	5	15	11	w.	Cortez Sedgewick.			
Clemons.	Lewis and Clark.	4,672	2					20	1	3.30	1.75	3.0	11	6	11	14		Frank Eberl.				
Clydepark.	Park.	1		48.8	88	5	22	1	47 <sup>a</sup>	3.57	0.94	3.0	10	14	9	8	sw.	Dr. T. B. Marquis.				
Conrad.	Teton.									2.33	0.85	2.33	13	9	11	11	w.	I. S. Martine.				
Copper.	Meagher.	6								3.18	0.77	8.0	13	9	11	11	w.	Orville Harris.				
Crow Agency.	Rosebud.	3,041	30	56.0	90	31	24 <sup>a</sup>	12	51 <sup>a</sup>	3.88	1.65	T.	7	11	11	9	nw.	H. R. Bamber.				
Culbertson.	Valley.	1,927	8	46.44	77	5 <sup>t</sup>	20	1	53 <sup>a</sup>	2.16	0.64	4.5	6	19	8	4	w.	G. H. Coulter.				
Cummings.	Carbon.	1		48.6	-0.6	85	5	24	1	51	1.36	+ 0.53	0	11	15	8	w.	J. W. Brimmer.				
Cut Bank.	Teton.	3,700	12	50.4	86	5	28	1	37	2.58	0.70	6.8	9	7	15	9	nw.	C. N. Thomas.				
Denton.	Fergus.	3,500	3	50.4	-1.0	78	31	24	27	3.26	-0.08	0.71	T.	14	4	13	14	sw.	P. J. Griesenauer.			
Dillon.	Beaverhead.	5,147	14	50.4	78	31	24	27	45	4.08	1.11	0.3	12	12	6	6	w.	Prof. J. E. Monroe.				
Dirty Creek.	Meagher.	6,000	2							2.56	0.58	3.8	15	4	2	5	w.	Lewis Cameron.				
Dry Creek.	Broadwater.	5,500	2							3.28	1.25	10.5	15	10	11	10	sw.	J. C. Stuart.				
Dry Wolf Camp.	Cascade.	6,000	2							3.79	0.94	6.5	12	11	11	9	w.	Mrs. R. J. Eveleth.				
East Gallatin River.	Gallatin.	6,000	3							2.25	0.65	8	18	2	1	e.	John Eberhart.					
Ekalaka.	Custer.	11	55.6	+ 2.7	89	31	20	1	51	1.25	-1.01	0.65	19	6	14	11	w.	Wm. Freese.				
Elkhorn.	Jefferson.	6,576	3							2.84	0.78	5.5	19	14	11	w.	James Heagan.					
Evans.	Cascade.	4,900	4							2.68	1.90	0	8	10	17	4	nw.	H. Thrasher.				
Fallon.	Custer.	2,208	7	56.5	91	5 <sup>t</sup>	18	1	54	3.69	2.09	21.0	10	9	11	11	w.	Mrs. A. C. Gifford.				
Fish Creek.	Silver Bow.	8,500	2	38.6	62	5 <sup>t</sup>	16	27	32	3.93	1.60	T.	5	19	0	12	sw.	O. B. Tilton.				
Flathead Creek.	Flathead.	6,000	2	47.38	80	5	21	1 <sup>t</sup>	53 <sup>a</sup>	3.46	0.70	0	7	16	8	7	n.	Alta Williams.				
Forsyth.	Rosebud.	2,514	8	58.0	92	5	19	1	48	1.60	1.80	0	5	15	7	9	sw.	W. Wakefield.				
Fort Benton.	Chouteau.	2,630	32	53.2	-1.8	89	7	34	1 <sup>t</sup>	38	2.06	-0.60	0.46	12	4	15	12	n.	Jere Sullivan.			
Fort Shaw.	Cascade.	3,500	23	51.5	-2.5	95	31	23	1	53	1.57	-0.49	0.68	0	14	5	5	w.	U. S. Reclamation Service.			
Fort W. H. Harrison.	Lewis and Clark.	4,004	8	52.0	89	5	32	7	49	2.65	0.43	1.0	11	3	10	12	sw.	Post Hospital.				
Foster.	Yellowstone.	3,454	2	52.5	92	5	21	1	53	1.76	0.62	0	7	11	13	7	w.	E. K. Bowman.				
Garnell.	Fergus.	5,500	3	42.5	68	13	28	10 <sup>t</sup>	30	8.90	1.10	7.0	15	0	14	17	nw.	T. S. Scally.				
Glasgow.	Valley.	2,092	15	53.0	-3.0	90	6	26	1	44	2.09	-0.33	0.88	7	18	3	10	w.	W. W. Mabee.			
Glenive.	Dawson.	2,069	21	58.2	+ 2.0	88	5 <sup>t</sup>	26	1	48	4.35	+ 1.80	2.00	0	10	9	16	6	E. C. Leonard.			
Goldbutte.	Chouteau.	4		50.6	90	5	25	7	48	1.70	0.46	0.46	12	4	15	12	n.	J. Berthelote.				
Graham.	Custer.	6,700	6	42.2	72	31	19	11	44	2.65	0.43	1.0	11	3	10	12	sw.	J. S. Rue.				
Grayling.	Gallatin.	3,350	20	51.4	-2.2	88	5	30	1	42	2.83	+ 0.22	0.64	0	15	6	16	9	P. Kerzenmacher.			
Great Falls.	Cascade.									11.75	2.97	0.63	0	14	9	11	11	w.	S. H. Bauman.			
Halfmoon Pass.	Fergus.	6,500	2							2.97	0.63	0.75	17	2	23	7	w.	Thos. Stigen.				
Halfway House.	Broadwater.	6,000	2							2.68	0.63	0.75	7	5 <sup>b</sup>	10 <sup>b</sup>	8 <sup>b</sup>	w.	Gordon Deans.				
Harlowton.	Meagher.	4,165	4	48.6	87	5	16	1	52 <sup>a</sup>	4.13	1.34	0	6	7	15	9	w.	Joseph Muir.				
Havre.	Chouteau.	2,605	33	53.6	-0.5	91	31	1	40	1.45	-0.04	0.75	0	6	14	11	11	Do.	U. S. Weather Bureau.			
Helena.	Lewis and Clark.	4,110	32	49.6	-2.0	85	5	30	1	39	2.07	+ 0.12	0.70	14	6	14	11	w.	W. S. McCord.			
Highwood.	Chouteau.	5								3.65	1.35	3.0	12	11	8	12	sw.	U. S. Reclamation Service.				
Huntley.	Yellowstone.	3,014	5	56.0	91	5	25	1	49	3.60	1.90	1.90	10	13	16	12	e.	Jas. McCune.				
Jones Canyon.	Gallatin.	6,800	2							6.68	1.46	18.0	12	5	16	10	w.	W. C. Henderson.				
Knobles Ranch.	Dawson.	6								2.38	0.80	7.0	12	14	5	12	w.	F. H. Knoble.				
Lewistown.	Fergus.	4,010	15	49.1	-1.3	84	5	25	7	44	5.18	+ 1.94	0.82	0	16	9	12	sw.	W. W. Watson.			
Livingston.	Park.	4,485	15							2.97	0	0.90	0	13	8	7	w.	W. A. Jennings.				
Lonetree.	Chouteau.	3,280	6	52.7	89	5	25	1	37	3.42	0.90	1.24	7	18	8	5	nw.	E. Wilson.				
Malta.	Valley.	2,240	2	53.6	90	5	28	1	42	3.09	1.31	0	8	10	18	3	nw.	U. S. Reclamation Service.				
Medicine Lake.	Fergus.	1		52.7	88	5	17	2	56	2.60	0	0	9	9	21	1	se.	J. S. Collier.				
Melstone.	Custer.	2,903	2							4.18	1.25	0	8	10	18	3	nw.	E. J. Parkinson.				
Mildred.	Miles City.	2		68.4	+ 1.7	90	5	24	1	48	0.74	-1.24	0.29	6	13	11	7	ne.	Leon B. Clark.			
Miles City.	do.	2,371	20	58.4	+ 1.7	90	5	24	1	48	0.74	-1.24	0.29	6	13	11	7	ne.	U. S. Weather Bureau.			
Norris.	Madison.	4,845	5	50.3	82	5	30	1	37	4.20	1.60	8.0	12	8	13	10	s.	Madison River Power Co.				
Nye.	Sweet Grass.	3		54.4	85	5	22	1	51	3.13	0	0	8	11	10	10	w.	F. L. Bryant.				
Olsen Creek.	Jefferson.	6,345	3							2.20	0.60	1.5	12	9 <sup>a</sup>	9 <sup>a</sup>	9	w.	R. Olsen.				
Pipestone Pass.	do.	7,000	3							2.80	0.54	7.0	12	8	14	9	w.	Mrs. T. Kiermeyer.				
Poplar.	Valley.	2,020	26	55.6	+ 1.2	92	5	28	12	52	2.37	+ 0.47	12.5	7	18	8	5	nw.	H. M. Cosier.			
Red Lodge.	Carbon.	5,548	12	46.8	+ 0.7	81	5	23	11 <sup>t</sup>	40	4.35	-0.55	1.87	8	8	13	10	se.	I. A. Draper.			
Renova.	Jefferson.	4,383	13	49.9	-1.3	85	5	25	1	52	1.74	-0.60	0.51	10	14	8	9	sw.	F. B. Elmer.			
Eyegate.	Yellowstone.	3,040	2	52.4	88	5	25	1	49	4.85	1.55	0	10	24	0	7	w.	H. Scherfenberg.				
Seville.	Teton.	3,980	3	46.4	85	5	22	2	42	2.62	1.14	2.0	9	14	5	12	w.	U. S. Reclamation Service.				
Sidney.	Dawson.	1		55.4	85	5	22	1	51	3.13	1.94	0	8	11	10	10	w.	Fred W. Arndt.				
Spokane Ranch.	Lewis and Clark.	10	56.4	+ 4.2	90	5	23	1	44	2.31	-0.35	1.46	1.3	7	10	10	11	se.	O. E. Penwell.			
Springbrook.	Dawson.	4,500	2							3.14	1.65	1.3	7	4	12	4	15	sw.	Mrs. H. L. Miller.			
Stearns.	Lewis and Clark.	1		52.0	89	31	25	8	58 <sup>a</sup>	1.89	0.60	0	10	0	10	0	sw.	J. W. Hardgrove.				
Three Forks.	Gallatin.	4,066	1	52.0	89	31	25	8	58 <sup>a</sup>	1.89	0.60	0	10	0	10	0	sw.	M. S. Carpenter.				
Tokna §.	Dawson.	2,050	6							3.97	0.74	12.0	12	18	5	8	w.	U. S. Reclamation Service.				
Trail Creek.	Park.	6,000	3							2.23	0.60	0	9	5	11	5	w.	A. Weidenbauer.				
Twete.	Chouteau.									3.40	0.73	0	10	7	16	8	nw.	C. R. Noyes.				
Utica.	Fergus.	5,000	17	47.9	+ 0.2	88	5	28	2	44	4.05	+ 1.32	1.37	14	15	14	2	w.	P. W. Korell.			
Valentine.	do.	5																				

TABLE 1.—Climatological data for May, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.			T.	14	6	12	13		
<i>North Dakota—Contd.</i>																				
Lamoine.	Kidder.	4																	E. V. Virgin.	
McHenry.	Foster.	1,509	2																John Knox.	
Manfred.	Wells.	1,605	10	55.2		89	17	13	1	68	2.20		0.43	0	9	18	2	11	se.	
Marmarth.	Bowman.		4								2.36		1.28	T.	9	9	10	12	P. B. Anderson.	
Marstonmoor.	Stutsman.		4	48.4		83	17	8	2	41	2.76		0.80	0	6	12	14	5	S. P. Crane.	
Medora.	Billinga.	2,235	15	51.0	-4.2	91	17	17	17	46	4.96	+ 2.76	1.38	0	7	11	7	13	H. H. McCumber.	
Melville.	Foster.	1,509	14	58.9	+ 5.8	91	17	17	17	57	5.52		0.23	0	8	17	6	8	J. W. Hesser.	
Mott.	Hettinger.		55.6			89	6†	16	16	57	5.52		0.54	0	3	20	0	11	J. P. Kildner.	
Napoleon.	Logan.	1,955	20	56.8	+ 3.7	89	9†	11	2	47	1.75	- 0.57	1.10	0.67	0	8	17	6	8	O. H. Opland.
New England.	Hettinger.	2,400	16	50.2	+ 4.7	98	31	12	17	63	1.02		0.90	0	10	10	0	11	C. J. Hoof.	
New Rockford.	Eddy.	1,531	2								4.02								J. L. McGovern.	
New Salem.	Morton.	2,163	5	54.1		88	6†	14	1	43	1.09		0.37	0	9	11	17	3	J. V. M. Sundberg.	
Orange.	Adams.	55.6	5	92	17	6	1	50	0.78			0.40	0	3	26	3	2	J. Christianson.		
Schafer.	McKenzie.	3																J. E. Goforth.		
Steele.	Kidder.	1,857	16															V. G. Morris.		
Washburn.	McLean.	1,731	8	56.6	- 0.8	87	6	13	1	44	3.45		2.10	0	4	15	12	4	B. C. Smith.	
Williston.	Williams.	1,875	33	54.0	- 0.8	87	5	16	2	52	2.81	+ 0.55	1.29	T.	14	6	12	13	W. R. Peterson.	
<i>South Dakota.</i>																			U. S. Weather Bureau.	
Aberdeen.	Brown.	1,300	21	59.3	+ 3.7	95	9†	23	1	47	4.23	+ 0.36	1.35	0	10	21	1	9	D. G. Gallett.	
Academy.	Charles Mix.	12	61.4	+ 3.3	96	9	21	1	45	2.35	- 0.89	0.92	0	10	13	11	7	I. T. Lothrop.		
Alexandria.	Hanson.	1,352	22			95	9†			1.15	- 2.25	0.70	0	3	20	7	4	Albert Hill.		
Ardmore.	Fall River.	3,557	2	64.4	+ 6.0	97	18	23	1	46	3.53	+ 0.15	1.50	2.0	7	17	9	s.		
Armour.	Douglas.	1,521	15	50.4		88	8†	22	2	51	0.68		0.30	0	5	7	12	12	Chi. Bur. & Quincy R. R.	
Belle Fourche.	Butte.	3,000	3	56.4		93	9	21	2	51	1.90	- 1.22	0.59	0	9	14	5	s.		
Brookings.	Brookings.	1,636	22	61.4	+ 6.5	93	9	21	2	51	1.90	- 1.22	0.59	0	6	13	11	7	U. S. Reclamation Service.	
Camp Crook.	Harding.	3,000	19	58.0	+ 3.9	90	31	27	3	52	0.57	- 1.67	0.27	0	6	13	11	7	Experiment Station.	
Canon.	Lincoln.	1,248	6	63.6		94	26	26	2	46	1.90	- 1.92	1.10	T.	7	19	11	1	U. S. Forest Service.	
Cascade Springs.	Fall River.	3,422	3	57.6		96	15	27	2	51	1.91		1.37	0	4	15	8	8	John H. Holsey.	
Castilewood.	Hamlin.	1,685	5	59.4		92	9†	17	2	53	1.81		0.55	0	10	11	10	10	Fred Norenberg.	
Centerville.	Turner.	1,229	14	63.0		93	18	26	1	48	1.11	- 3.11	0.26	0	8	10	18	3	M. N. Bradley.	
Clark.	Clark.	1,779	17	59.5	+ 4.4	93	9	21	1†	49	2.68	- 0.48	0.77	0	7	12	18	1	Frank Williams.	
Cottonwood.	Stanley.	2,414	3	60.6		96	6	20	1†	51	1.10		0.65	0	5	9	20	2	O. H. La Craft.	
Davidson.	Perkins.	2	56.2			92	6†	9	1	57	0.40		0.40	0	1	15	11	5	Experiment Station.	
Deadwood.	Lawrence.	4,535	2	53.6		85	25	20	1	44	1.30		0.14	T.	7	15	8	8	G. G. Davis.	
Deerfield.	Pennington.	6,000	2								0.42								R. E. Grimshaw.	
Ellington.	De Smet.	1,726	18	60.64	+ 5.7	96	9	22	1†	51d	2.70	- 0.16	1.50	0	5	23	5	3	Frank E. Miller.	
Dowling.	Stanley.	2,250	2	59.4		95	6†	20	1	47	0.75		0.20	0	7	13	15	3	J. O. Purinton.	
Dumont.	Lawrence.	6,195	2										0.30	0	10	15	14	2	M. P. Dowling.	
Eales.	Potter.										1.08		0.29	0	9	21	5	5	A. B. Wood.	
Elk Mountain.	Custer.	4,700	2										0.41	T.	7	15	8	8	James E. Blaine.	
Elk Point.	Union.	1,127	12	65.0	+ 4.0	95	18	26	2	46	2.13	- 1.67	1.03	0	7	19	6	6	G. W. Freeman.	
Ellingson.	Perkins.					90	14						0.69		0	2	17	10	4	n.w.
Englewood.	Eureka.	5,723	2	59.5		93	14†	19	1	47	0.97		0.28	T.	7	19	4	8	s.	
Fairfax.	McPherson.	1,884	2	59.4		95	14†	19	1	47	0.97		0.33	0	10	4	25	2	Experiment Station.	
Faulkton.	Gregory.	7	59.4*			95	9	22	1	45*			0.19	0	7	20	6	5	D. Frank Adams.	
Flandreau.	Faulk.	1,595	16	62.0	+ 6.4	94	17	23	1	44	2.41	- 0.19	1.11	0	7	21	9	6	Miss Belle Talcott.	
Forestburg.	Moody.	1,565	21	62.4	+ 6.5	93	18	24	3	50	1.39	- 2.71	0.50	0	6	15	10	6	W. A. Harris.	
Frederick.	Sanborn.	1,231	19	62.6	+ 5.4	101	18	22	2	52	1.77	- 1.06	0.90	0	7	21	8	2	S. S. Judy.	
Gann Valley.	Brown.	1,371	3	57.8		95	9	16	1	55	2.20		1.02	0	7	18	9	4	s.	
Greenmont.	Buffalo.	13	62.8	+ 5.6	98	9	23	2	44	2.98	+ 0.07	0.93	0	7	14	14	3	J. E. Jeffers.		
Greenwood.	La Delle.	6,430	2								2.40		0.90	0	4	20	7	4	V. P. Dripps.	
Hardy Ranger station.	Charles Mix.	17	62.6	+ 2.2	96	18	24	1	43†	2.21	- 0.90	1.64	0	3	19	9	3	H. C. Hoffbuh.		
Härvey's Ranch.	Lawrence.	6,600	2	62.6	+ 2.2	96	18	24	1	43†	2.21	- 0.90	1.64	0	3	17	11	3	T. C. Williamson.	
Hermosa.	do.	6,282	1								2.03		0.57	T.	7	16	3	13	Mrs. Ennie A. Gundlach.	
Highmore.	Custer.	3,278	5	57.8		93	7	23	1	51	0.44		0.32	1.2	7	12	10	9	w.	
Hopewell.	Hyde.	1,890	15	60.2	+ 3.8	94	9	22	1	49	1.91	- 0.44	1.28	0	6	20	9	9	S. M. Booth.	
Howard.	Stanley.		1	60.8		96	14	22	1	52	1.16		0.46	0	4	15	8	8	Experiment Station.	
Howell.	Miner.	1,564	19	60.6	+ 4.1	94	9	21	1	55	3.07	+ 0.34	1.04	0	8	12	16	3	E. R. Myers.	
Huron.	Beadle.	1,306	29	61.0	+ 3.7	95	9	23	2	44	2.97	+ 0.05	0.83	0	8	11	14	6	s.	
Inpsilich.	Edmunds.	1,530	14	59.0	+ 4.1	93	17†	24	1†	48	1.66	- 2.59	0.68	0	4	23	5	3	J. B. Taylor.	
Kadoka.	Stanley.	2,467	2	60.3		94	14	23	1	46	1.78		1.00	0	8	6	14	11	nw.	
Kennebec.	Lyman.	1,689	18	60.4	+ 3.2	98	9	25†	1	47†	2.03	- 0.29	0.75	0	5	18	8	5	Rev. D. S. Brown.	
Kidder.	Marshall.	1,295	7	60.2		93	14	20	3	45	3.53		1.05	0	5	16	7	8	R. C. Van Horn.	
Kimball.	Brule.	1,788	22	60.6	+ 4.2	94	9	22	1	43	2.52	+ 0.06	0.55	0	9	20	7	4	H. C. Schussler.	
La Delle.	Spink.	1,400	14	62.3	+ 6.2	96	9	20	2†	49	3.55	- 1.11	0.90	0	7	15	8	8	G. D. Rose.	
Lead.	Lawrence.	5,200	2	54.0		80	6†	19	1	36	0.84		0.30	T.	8	8	17	6	E. L. Ebbert.	
Lemmon.	Perkins.	2,345	2															W. E. Lyman.		
Marion.	Turner.	1,447	10	64.8	+ 7.5	96	9	27	1†	45	1.84	- 2.64	0.78	0	7	7	23	1	M. H. Dains.	
Marston.	Sully.	3	50.2			98	9	20	1	52*	1.11		0.63	0	4	10	19	2	John S. Walker.	
Mellette.	Spink.	1,300	16	60.4	+ 4.3	94	17	24	1	46	3.29	+ 0.06	0.87	0	7	20	7	4	Frank A. Howe.	
Mennio.	Hutchinson.	1,325	14	62.9	+ 4.1	95	18	24	1	45	1.91	- 1.95	0.90	1.5	8	18	5	5	J. H. Swanton.	
Milbank.	Grant.	1,148	20	60.4	+ 4.9	95														

TABLE 1.—Climatological data for May, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.			Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.									
<i>South Dakota—Contd.</i>																						
Vale.	Butte.	2,765	3	58.0	.....	98	15	19	1+	55	0.04	.....	0.04	0	1	18	8	nw.	U. S. Reclamation Service.			
Vermillion.	Clay.	1,222	10	64.8	+ 6.6	93	18	27	1+	43	1.35	- 3.20	0.81	1.5	7	27	3	s.	Prof. E. C. Parish.			
Waters Ranch.	Lawrence.	4,000	1	.....	.....	.....	.....	.....	.....	.....	0.85	.....	0.36	0	7	9	11	ne.	George Waters.			
Watertown.	Coldington.	1,735	17	60.4	+ 6.4	93	9	17	2	48	2.14	- 1.18	0.60	0	6	18	8	s.	R. Q. Wood.			
Wentworth.	Lake.	18	62.0	+ 6.4	94	18	26	1	44b	1.62	- 2.11	0.44	.....	8	26	4	1.	se.	R. C. Zimmerman.			
White Lake.	Aurora.	1,646	2	60.0	.....	96	9	18	1	46	3.11	.....	1.19	0	6	9	14	s.	Mrs. G. A. Rogers.			
Winnert.	Tripp.	2,500	2	60.0	.....	94	18	26	1	40	1.35	.....	0.61	0	6	5	24	1.	nw.	A. L. Rawson.		
Yankton.	Yankton.	1,234	37	63.1	+ 3.2	94	18	26	1	42	- 2.48	1.03	7.0	6	6	2	2	e.	U. S. Weather Bureau.			
<i>Minnesota.</i>																						
Pipestone.	Pipestone.	1,710	11	60.6	+ 5.4	91	18	23	2	46	1.42	- 2.63	0.30	0	7	14	1	sw.	W. S. Campbell.			
<i>Colorado.</i>																						
Akron.	Washington.	4,650	9	.....	.....	.....	.....	.....	.....	0.93	.....	0.68	0	4	.....	.....	.....	.....	Ira M. Barnhouse.			
Albion Lake.	Boulder.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Fred R. Dungan.			
Alma.	Park.	10,238	14	53.8	.....	88	18†	13	4	51	1.05	.....	0.84	0	6	17	13	1.	s.	Anna B. Osborne.		
Arriba (near).	Lincoln.	5,238	5	53.8	.....	88	18†	13	4	51	0.78	.....	0.30	3.5	13	10	8	s.	C. A. Creel.			
Auldhurst.	Teller.	8,500	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Alice A. Auld.			
Boulder.	Boulder.	5,347	15	58.1	+ 2.2	34	9†	30	1	42	0.90	- 2.18	0.30	0	8	11	13	7	se.	O. H. Wangelin.		
Burlington.	Kit Carson.	4,160	8	60.2	.....	93	25	26	1	45	0.90	.....	0.50	0	6	7	20	4	w.	W. P. Davis.		
Cassells.	Park.	8,445	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Harriet M. Cassell.			
Castle Rock.	Douglas.	6,220	19	56.3	+ 2.8	80	18†	23	11	49	0.69	- 1.93	0.46	0	4	17	7	7	s.	Thos. Vaughan.		
Cheeseman.	Jefferson.	6,890	8	54.0	.....	78	24	28	17	39	1.05	.....	0.45	T.	4	13	18	0.	sw.	J. G. Thornburg.		
Cheyenne Wells.	Cheyenne.	4,279	17	61.0	+ 3.5	95	19	27	1+	56	0.97	- 1.38	0.32	0	7	22	7	2	sw.	J. W. Adams.		
Cope.	Washington.	14	51.4	- 5.0	80	17	24	24	24	43	2.32	- 1.10	2.00	0	7	17	8	6	w.	A. A. Williams.		
Corona.	Grand.	11,620	4	30.6	.....	50	25†	16	19	30	2.14	0.98	16.5	6	6	1	9	18	4.	U. S. Weather Bureau.		
Denver.	Denver.	5,272	39	59.0	+ 2.3	85	17	33	1	40	0.52	- 2.02	0.22	0	7	9	18	0.	w.	Do.		
Edgewater.	Jefferson.	5,450	3	57.8	.....	88	12	29	10	55	0.62	.....	0.26	0	6	14	7	10	8	w.	Dr. N. P. Levin.	
Estes Park Hatchery.	Larimer.	8,000	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.25	0	2	2	21	8	w.	G. H. Thompson.		
Fort Collins.	do.	4,985	29	56.0	+ 1.4	84	24	31	2	45	0.72	- 2.29	0.23	0	7	10	19	2	sw.	Colorado Agri. College.		
Fort Lupton.	Weld.	4,907	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. W. Benedict.			
Fort Morgan.	Morgan.	4,319	13	.....	.....	74	25†	23	1	37	0.21	.....	0.10	0	6	5	24	2	w.	Della M. Scott.		
Frances.	Boulder.	9,300	6	48.0	.....	78	25	19	1	44	0.55	.....	0.23	0.2	5	13	10	2	w.	C. W. Barry.		
Frys ranch.	Larimer.	7,500	1	48.5	.....	78	25	19	1	44	1.00	.....	0.32	T.	8	4	21	6	w.	Norman W. Fry.		
Georgetown.	Clear Creek.	8,550	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Corbett.			
Greely.	Weld.	4,649	20	58.0	+ 2.2	88	9†	31	2	47	1.31	- 1.28	0.83	0	6	19	11	1.	se.	Nelson Reynolds.		
Hartsel.	Park.	7,670	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.66	0	4	25	1	5	w.	Emily Kleinnecht.		
Hawthorne.	Boulder.	6,000	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.55	0	3	23	6	2	w.	B. E. Chesebro.		
Holyoke (near).	Phillips.	3,745	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.79	- 2.37	0.52	0	4	21	7	se.	A. C. Cauble.	
Idaho Springs.	Clear Creek.	7,534	11	52.0	+ 3.8	77	25	25	1	43	0.79	- 1.52	0.28	0	7	1	29	1.	w.	J. J. Willis.		
Keota.	Weld.	4,966	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.03	0	5	5	13	5	s.	I. S. Griffin.		
Laporte.	Larimer.	5,053	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.85	- 1.28	1.10	0	5	13	5.	se.	P. A. Taft.	
Leroy (near).	Logan.	4,380	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.74	- 0.82	0.93	0	6	6	20	5.	w.	Chas. Green.
Longmont.	Boulder.	4,980	10	58.2	+ 1.6	87	24	29	10	57	1.00	- 2.00	0.23	0	9	23	6	4.	w.	Great Western Sugar Co.		
Longs Peak (near).	Larimer.	8,600	16	42.6	+ 1.2	70	25	14	11	42	0.73	- 1.73	0.20	3.0	5	15	13	3.	n.	Enos E. Mills.		
Lula Pass.	do.	7,775	21	47.0	+ 2.3	73	25	22	21	39	T.	- 2.35	T.	T.	0	3	28	0.	w.	A. M. McCahan.		
Moraine Park.	Jefferson.	5,492	12	.....	.....	.....	.....	.....	.....	.....	0.33	- 1.99	0.16	0	4	24	6	1.	sw.	J. D. Stead.		
Platte Canon.	do.	7,730	8	.....	.....	.....	.....	.....	.....	.....	0.25	.....	0.15	T.	2	15	15	1.	sw.	Denver Union Water Co.		
St. Cloud.	do.	3,573	3	60.5	.....	94	26	20	1	50	1.47	.....	0.65	0	6	10	18	3.	w.	Miss Guilla Slivers.		
Sedgwick.	Clear Creek.	11,500	2	35.1	.....	54	30	10	20	28	1.74	.....	0.40	17.0	8	19	8	4.	w.	Edwin Lewis, M. D.		
Sill Mine.	Spicer (near).	8,700	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.50	0	7	19	17	0.	w.	Frank F. Murphy.		
Larimer.	Logan.	3,892	2	58.2	.....	88	25	27	1	49	1.99	.....	1.28	0	4	10	15	6	se.	Great Western Sugar Co.		
Waterdale.	Larimer.	5,206	8	56.8	.....	85	17†	29	2	45	0.76	.....	0.24	0	5	11	16	4.	s.	P. H. Boothroyd.		
Wray.	Yuma.	3,512	15	61.2	+ 2.1	94	24†	27	1	48	2.50	- 0.22	0.23	0	6	11	16	4.	s.	J. C. Toumey.		
Yuma.	do.	4,133	20	.....	.....	.....	.....	.....	.....	1.02	- 1.38	0.94	0	2	15	9	7	se.	George W. Custer.			
<i>Nebraska.</i>																						
Ainsworth.	Brown.	2,521	6	60.9	.....	92	9†	19	2	36	5.50	.....	3.50	0	8	0	22	9.	sw.	John M. Cotton.		
Albion.	Boone.	1,747	16	62.3	+ 2.4	95	18	23	2	40	2.38	- 1.73	1.21	0	7	20	5	6	s.	F. M. Weitzel.		
Alliance.	Boxbutte.	3,968	20	54.8	- 0.4	87	9†	7	1	46	0.90	- 1.94	0.40	0	3	13	12	6.	sw.	J. A. Keegan.		
Alma.	Harlan.	1,938	16	63.6	+ 2.5	96	9	27	2	44	1.61	- 1.70	1.03	0	5	14	11	6.	s.	W. A. Sharpnack.		
Anoka.	Boyd.	5	61.6	.....	98	9	20	2	51	1.50	.....	1.05	0	8	8	18	5.	sw.	W. Whitha.			
Arcadia.	Valley.	2,184	11	.....	.....	.....	.....	.....	.....	3.64	- 0.08	2.24	2.0	5	7	16	8	se.	J. L. Owen.			
Ashland.	Saunders.	1,100	27	44.6	+ 2.3	91	25	29	2	32	4.68	+ 0.36	1.51	0	11	17	10	4.	s.	Dr. A. von Mansfeld.		
Ashton.	Sherman.	2,061	19	.....	.....	.....	.....	.....	2	32	2.84	- 0.20	1.73	0	7	18	9	9.	s.	F. Rein.		
Atkinson.	Holt.	2,108	4	60.1	.....	93	17	18	2	37	1.68	.....	1.20	0	4	19	11	1.	sw.	C. J. Wilson.		
Auburn.	Nemaha.	1,051	19	65.1	+ 3.5	93	26	30	2	47	2.54	- 3.19	0.60	.....	12	16	7	8.	w.	J. R. Huffmann.		
Aurora.	Hamilton.	1,792	40	64.0	+ 2.7	93	25	35	1	38	2.28	- 1.78	1.40	0	3	20	9	2.	w.	Chi., Burl. & Quincy R. R.		
Beatrice.	Gage.	1,235	21	66.6	+ 5.0	93	24	29	2	36	2.04	- 2.40	0.96	0	10	19	4					

TABLE 1.—*Climatological data for May, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<b>Nebraska—Contd.</b>																				
Ellis.	Gage.	1,430	6							1.30									D. J. Wood.	
Elmcreek.	Buffalo.	2,268	3							3.00		2.00							E. L. Sutton.	
Elsie.	Perkins.	3,382	3							2.35		0.70	T.	12					J. F. Brittain.	
Ewing.	Holt.	1,888	20	63.3		98	9†	20	2	50	1.67	-1.43	1.04*	0	5				G. H. Benson.	
Fairbury.	Jefferson.	1,316	36	65.6	+ 3.5	95	24	28	2	40	2.03	-2.75	0.85		9	12	13	6	s.	
Fairmont.	Fillmore.	1,641	18	61.6	+ 1.5	92	14†	26	1†	43	2.20	-1.82	0.57	2.0	10	16	6	s.		
Fort Robinson.	Dawes.	3,764	28	52.4	-2.7	89	23	10	1	50	1.72	-0.97	0.40		11	20	2	9	sw.	
Franklin.	Franklin.	1,820	22	64.3	+ 2.9	98	9	25	2	50	1.63	-1.93	0.99		T.	3	11	11	s.	
Fremont.	Dodge.	1,203	31	64.2	+ 4.1	93	25	29	2	37	3.08	-1.20	1.69	0	5	14	14	3	se.	
Fullerton.	Nance.	1,629	10	62.9		94	18†	26	1	40	7.33	+ 2.86	4.10	1.0	6	21	8	2	s.	
Geneva.	Fillmore.	1,033	21	63.9	+ 2.1	93	25	26	2	41	2.70	-2.07	1.00	0	8	19	6	6	se.	
Genoa.	Nance.	1,584	36	62.6	+ 2.5	91	24†	26	1	38	5.28	+ 0.99	2.70	1.0	5	18	7	6	s.	
Gordon.	Cherry.	3,550	8	55.2*		90	9	18	1	47†	0.43	0.23	0	0	2			G. F. Williams.		
Gosper.	Gosper.	9									2.13		1.61		6	6	18	7	se.	
Gothenburg.	Dawson.	2,557	16	62.4	+ 2.4	97	18	25	1	47	2.33	-0.63	0.85		9	12	8	11	s.	
Grand Island.	Hall.	1,880	21	64.2	+ 3.4	96	18	24	1	35	2.71	-1.85	0.92		5	11	12	8	sw.	
Grant.	Perkins.	3,405	8	58.0		94	9†	15	1	54b	1.86		1.15		6			Cyrus Carver.		
Greeley.	Guiderock.	2,021	15	60.4		92	9†	25	1	38	3.02	+ 0.57	1.90		5	8	20	3	se.	
Halsey.	Thomas.	2,695	9	61.8		96	9†	20	1†	49	2.53		2.10	0.95	0	3	6	16	s.	
Hartington.	Cedar.	1,309	20	62.6	+ 4.4	94	9†	23	1	48	2.77	-1.47	1.20		5	14	9	8	nw.	
Harvard.	Clay.	1,812	22	61.6	+ 1.9	93	25	24	1	40	1.88	-2.04	1.00		6	18	8	5	s.	
Hastings.	Adams.	1,932	23	62.8	+ 2.4	96	9	26	1	41	1.66	-2.05	0.60		5	16	8	7	se.	
Hayes Center.	Hayes.	18	60.2			97	16	24	1	46	2.10	-0.98	1.50	0	9	16	9	6	se.	
Hay Springs.	Sheridan.	3,821	24	54.8	+ 0.8	85	9†	11	1	43	1.93	-1.39	0.50		8	8	16	7	s.	
Hebron.	Thayer.	1,458	25	64.0	+ 2.3	94	10	27	2	38	2.41	-2.07	0.75	T.	8				A. Kadlecik.	
Hemingford.	Borbutte.	4,256	2								1.15		0.36	0	8				Dr. C. M. Easton.	
Hendley.	Furnas.	2,231	7								2.27		1.80		5				A. S. Enyeart.	
Hillside.	McPherson.	3,484	2	57.1		93	24	15	1	53	1.41		0.40	0.6	9	15	7	9	se.	
Holdrege.	Phelps.	3,324	20	62.5	+ 1.8	97	9	27	1†	41	2.62	-1.98	1.50		6	19	2	10	se.	
Hooper.	Dodge.	1,228	14	64.4	+ 3.3	92	25	24	2	33	3.70	-0.67	1.87	T.	5				Dr. W. H. Heine.	
Imperial.	Chase.	3,275	21	63.3*	+ 4.7	94	24	23	1	49	2.19	-0.79	1.42	0	5			Robt. Malcolm.		
Kearney.	Buffalo.	2,146	23	63.8	+ 2.7	96	25	26	1	39	1.45	-2.77	0.80	0	4	10	14	7	s.	
Kimball.	Kimbrell.	4,697	2	57.0	+ 2.2	89	24	21	1	54	0.49	-2.09	0.18		0	4	12	16	3	s.
Kirkwood.	Rock.	16	56.2	-1.8	95	9†	184	2	50	3.62	+ 0.22	2.00	0	0	6	15	8	8	s.	
Kowanda.	Deuel.	3									1.17		0.35	0	6				Mrs. M. R. Lloyd.	
Lexington.	Dawson.	2,385	22	62.8	+ 3.8	95	9†	26	1	56	2.19	-0.77	0.90		0	7	19	0	12	se.
Lincoln.	Lancaster.	1,189	33	65.4	+ 2.5	94	25	31	2	44	3.95	-0.30	1.23	T.	11	10	9	12	s.	
Lodgepole.	Cheyenne.	3,820	15	57.9	+ 1.9	93	9	15	1	52	1.31	-1.22	0.48	0	5	17	8	6	e.	
Loup.	Sherman.	2,067	16	60.9	+ 1.3	95	18	23	2	45	2.44	-0.82	1.75	0	6	19	5	7	se.	
Loyal.	Custer.	3									3.30		2.35	0	5	16	8	7	s.	
McCook.	Redwillow.	2,506	17	61.2	-1.4	97	18†	26	1	51	1.25	-1.84	1.10	0	2	21	6	4	s.	
McCool Junction.	York.	1,575	14								2.74	-2.01	0.77		7				Robt. Chadwick.	
Madison.	Madison.	1,585	18	65.0	+ 6.0	92	18†	27	4	36	2.33	-1.97	1.48	T.	5				U. S. Weather Bureau.	
Marquette.	Hamilton.	1,830	32								2.58	-1.42	1.52	0.5	6				R. T. Kidney.	
Mason City.	Custer.	2,257	9								3.32		2.40	0	4				E. S. Hayhurst.	
Minatare.	Scotts Bluff.	3,825	2								0.94		0.94	0	1	20	0	11	se.	
Minden.	Kearney.	2,169	34	62.6	+ 2.7	97	9	28	1†	43	1.78	-2.96	0.95	0.3	5	11	12	9	s.	
Mitchell.	Scotts Bluff.	3,950	2	55.8		88	9†	16	1	47	0.75		0.31		6	11	11	9	se.	
Nebraska City.	Otoe.	941	35	66.8	+ 4.8	94	24	30	2	32	2.49	-2.22	0.90	0	9	14	6	11	s.	
Norfolk.	Madison.	1,532	29	63.5	+ 4.4	95	18	24	2	40	1.68	-2.32	1.20	0.5	4	24	3	4	s.	
North Loup.	Valley.	1,961	23	62.6	+ 3.4	95	9	25	2	44	3.31	+ 0.04	1.33	0	6	14	11	6	se.	
North Platte.	Lincoln.	2,841	37	59.5	+ 0.5	94	24	23	1	46	1.73	-1.33	0.77	0.4	11	11	11	9	s.	
Oakdale.	Antelope.	1,723	25	62.1	+ 3.6	95	18	24	1†	43	2.55	-1.22	1.43	0	5	12	14	5	s.	
Omaha.	Douglas.	1,103	41	66.3	+ 3.8	94	25	33	1	39	2.70	-1.80	0.74	0.2	11	13	8	10	s.	
Ord.	Valley.	2,063	16								1.96	-1.23	1.44	0	3	7	18	6	s.	
Oreans.	Harlan.	1,993	4								1.81		1.29	0	4				Jas. Milford.	
Osceola.	Polk.	1,644	14	63.4		96	31	26	1	44b	2.58	-2.00	1.95	0	3				Jas. McGeachin.	
Palisade.	Hitchcock.	3									1.44		1.20	0	5				G. T. Ray.	
Palmyra**.	Otoe.	1,142	17	66.3	+ 4.5	94	25	34	1	41	2.66	-2.06	0.91	0	8	16	14	1	s.	
Pawnee City.	Pawnee.	1,175	16	67.0		95	24†	29	2	38	1.16	-3.76	0.48		4	17	5	9	se.	
Paxton.	Keith.	3,060	4								1.73		0.56	0	9				H. D. Lute.	
Plymouth.	Jefferson.	1,419	7	64.8		94	25	28	2	40	1.79		1.00	0	9	7	15	9	se.	
Purdum.	Blaine.	11	59.1	+ 2.7	94	9†	16	2	47	2.96	-0.18	1.75	0	0	10	16	5	10	se.	
Ravenna.	Buffalo.	2,028	34	62.5	+ 3.3	95	9†	23	1	47	2.72	-0.68	1.25	3.0	6	13	10	8	s.	
Red Cloud.	Webster.	1,687	18	64.8	+ 2.8	93	9†	27	2	44	1.62	-1.61	0.73	T.	6	20	3	8	se.	
St. Libory.	Howard.	1,887	16								3.89	-0.29	1.90	0.5	15	9	7	5	s.	
St. Paul.	do.	1,798	16	63.2	+ 2.0	94	25	28	1†	41	4.43	+ 0.86	1.68	T.	7	19	8	4	sw.	
Santee.	Knox.	24	67.3	+ 5.9	96	9†	25	1	49	1.97	-1.51	1.27	3.0	3	18	8	5	se.		
Sargent.	Custer.	2,339	17	58.2		95	17	21	1	47b	2.55	-0.04	2.00	0	3	17	8	6	s.	
Schaulyer.	Colfax.	1,357	19	64.8		94	15	25	2	35	3.95	-0.03	2.20	0	0	6	12	13	6	se.
Scottsblou.	Scotts Bluff.	3,888	5	56.3		99	9†	18	1	48	1.30		0.81	0	6	13	10	8	se.	
Seward.	Seward.	1,435	21	63.6	+ 2.4	90	9†	29	1	33	4.22	-0.37	1.20	0	8	15	13	3	se.	

TABLE 1.—Climatological data for May, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.				Prevailing wind direction.	Observers.									
				Mean.			Departure from the normal.			Date.			Lowest.			Data.			Departure from the normal.			Greatest in 24 hours.			Total snowfall, unmelted.			Number of rainy days, 0.01 inch or more.		
					Highest.	Date.		Highest.	Date.		Highest.	Date.		Highest.	Date.		Highest.	Date.		Highest.	Date.		Highest.	Date.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Iowa.																														
Afton.	Union.	1,212	17	64.8	+ 2.5	88	25	32	2	37	2.00	- 2.89	0.45	0	8	15	9	7	sw.	Hon. N. W. Rowell.										
Allerton.	Wayne.	9	66.1	91	25	32	2	35	1.80	.....	0.58	T.	11	24	3	4	sw.	Mrs. Geo. Shriver.												
Alton.	Sloix.	6	63.0	91	17	29	17	29	17	46	2.16	.....	0.87	7	14	13	4	nw.	W. S. Siegle.											
Atlantic.	Cass.	20	65.0	+ 5.6	92	24	30	2	35	4.32	- 0.06	1.27	T.	11	8	5	18	sw.	Thos. H. Whltney.											
Audubon.	Audubon.	1,301	17	63.8	+ 3.9	91	25	31	17	34	3.59	- 0.65	1.25	1.0	11	15	6	10	sw.	Geo. E. Kellogg.										
Bedford.	Taylor.	11	65.2	+ 4.2	93	24	30	2	43	3.35	- 1.90	1.25	T.	10	15	5	11	s.	E. E. Healy.											
Centerville.	Appanoose.	1	67.9	93	25	32	2	35	4.13	.....	1.90	0.20	1.80	0	9	20	8	2	s.	Gordon Peacock, jr.										
Chariton.	Lucas.	1,042	16	65.2	+ 3.9	89	25	32	2	37	4.57	+ 0.20	1.36	.....	8	18	7	6	s.	C. C. Burr.										
Clarinda.	Page.	1,009	21	61.4	+ 0.2	95	25	30	2	35	4.74	- 0.10	1.36	.....	11	12	11	8	sw.	A. S. Van Sandt.										
Corning.	Adams.	1,117	19	64.0	+ 3.6	93	25	30	2	31	3.85	- 0.98	1.21	.....	8	12	11	8	sw.	Jerome Smith.										
Corydon.	Wayne.	1,101	18	65.2	.....	93	97	28	2	36	4.05	.....	1.01	.....	8	8	4	19	se.	J. J. C. Bower.										
Council Bluffs.	Pottawattamie.	1	65.2	.....	93	25	31	2	44	2.88	.....	0.81	0	7	17	7	7	sw.	B. W. Crossley.											
Creston.	Union.	1,313	6	63.5	.....	93	25	31	2	44	2.86	- 0.83	1.12	.....	11	9	12	10	sw.	O. J. Colby.										
Cumberland.	Cass.	12	63.0	.....	91	25	31	2	33	3.23	.....	1.04	.....	7	14	16	1	sw.	J. H. Reppert.											
Denison.	Crawford.	1,180	17	63.1	+ 3.8	90	107	30	2	35	2.94	- 1.17	1.04	1.0	10	19	8	4	s.	W. C. Van Ness.										
Elliott.	Montgomery.	6	65.4	91	25	31	2	33	3.23	.....	1.04	.....	9	12	10	9	sw.	Henry Barnes.												
Greenfield.	Adair.	19	64.6	+ 4.2	91	25	30	2	37	5.09	+ 0.07	1.70	T.	12	10	13	8	s.	R. B. Oldham.											
Harlan.	Shelby.	1,182	12	63.2	+ 2.9	91	25	30	2	35	5.00	+ 0.75	1.69	T.	7	15	6	10	s.	C. A. Reynolds.										
Iowood.	Lyon.	1,474	7	63.8	.....	91	17	25	2	42	1.31	.....	0.53	2.5	8	17	12	2	se.	F. B. Hanson.										
Lamoni.	Decatur.	4	65.0	90	25	32	2	33	1.60	.....	0.34	0	10	18	2	11	se.	T. J. Fitzpatrick.												
Larrabee.	Cherokee.	1,266	21	62.6	+ 4.3	90	18	27	2	41	1.64	- 2.58	0.68	2.4	4	11	15	5	s.	Alonzo Pruitt.										
Le Mars.	Plymouth.	1,224	15	62.9	+ 3.6	88	187	29	2	37	2.25	- 2.54	0.94	6	17	12	2	se.	G. A. C. Clarke.											
Lenox.	Taylor.	1,250	16	62.8	+ 1.6	90	24	30	2	39	3.34	- 1.38	0.75	T.	9	18	3	10	s.	J. L. Hurley.										
Leon.	Decatur.	1,120	9	65.9	.....	91	25	31	2	36	2.80	.....	0.95	T.	7	15	6	10	s.	Morris Gardner.										
Little Sioux.	Harrison.	6	64.8	.....	93	25	25	2	43	3.87	.....	1.35	.....	7	16	8	9	se.	Geo. H. Gibson.											
Logan.	do.	928	44	65.3	+ 4.3	91	24	27	2	35	5.44	+ 1.31	2.10	.....	12	14	9	8	sw.	Glenn H. Stern.										
Mount Ayr.	Ringgold.	1,236	18	66.2	+ 4.5	91	25	32	2	37	4.07	- 1.69	0.97	.....	11	8	15	3	s.	A. F. Beard.										
Murray.	Clarke.	20	64.9	+ 4.7	91	25	31	2	42	3.24	- 1.45	0.64	.....	9	10	20	9	s.	M. T. Ashley.											
Odebolt.	Sac.	14	64.7	+ 4.3	94	24	29	2	41	2.41	- 1.57	0.80	0	8	18	9	4	se.	E. Starner.											
Onawa.	Monona.	1,051	9	66.2	+ 3.6	93	187	28	2	36	3.12	- 2.46	1.10	2.0	10	10	9	2	s.	C. G. Perkins.										
Pacific Junction.	Mills.	960	12	64.5	+ 2.9	93	25	27	2	41	3.46	- 0.55	1.15	.....	7	12	18	1	s.	H. H. McCartney.										
Rock Rapids.	Lyon.	1,358	12	64.1	+ 4.5	94	18	25	2	48	1.23	- 2.18	0.40	.....	7	10	5	2	s.	W. C. Wyckoff.										
Sheldon.	O'Brien.	1,422	11	64.6	+ 6.7	95	19	27	2	46	0.01	- 4.19	0.55	1.0	5	24	5	2	s.	Dr. A. W. Beach.										
Sibley.	Oscceola.	1,212	18	61.6	+ 4.3	91	17	25	2	44	1.84	- 2.12	0.56	T.	9	15	12	4	sw.	H. G. Doolittle.										
Sioux Center.	Sioux City.	13	62.4	+ 4.1	91	18	28	2	38	2.63	- 2.22	1.02	3.0	7	20	8	3	s.	J. de Ruyter.											
Spencer.	Woodbury.	1,135	22	64.0	+ 3.2	92	25	31	2	33	1.64	- 2.83	1.40	1.0	6	11	14	6	s.	U. S. Weather Bureau.										
Thurman.	Clay.	1	64.8	.....	91	17	34	2	51	4.44	.....	2.88	1	2.01	0.76	T.	10	13	10	8	sw.	S. Gillespie.								
Washta.	Fremont.	14	66.2	+ 3.9	93	24	30	2	35	6.23	+ 1.03	1.64	.....	10	21	5	5	s.	C. R. Paul.											
Woodburn.	Cherokee.	1,157	13	62.2	.....	91	18	28	2	40	1.66	- 3.19	0.73	.....	4	21	5	5	s.	H. L. Feiter.										
	Clarke.	981	12	66.0	.....	91	24	30	2	37	2.88	.....	0.76	T.	10	13	10	8	sw.	C. B. McDonough.										
Kansas.																														
Abilene.	Dickinson.	1,157	16	67.6	+ 2.6	96	24	29	2	46	1.84	- 2.54	0.68	0	6	8	12	11	s.	T. W. Sherman.										
Agricultural College.	Riley.	1,100	53	67.6	.....	91	25	31	2	43	1.54	- 2.33	0.62	0	7	17	5	9	s.	Prof. J. O. Hamilton.										
Alton.	Osborne.	1,651	9	(7.0)	99	9	27	2	43	1.54	- 1.88	0.61	0	6	13	8	9	s.	H. A. Storer.											
Aitchison.	Aitchison.	973	20	68.3	+ 4.0	92	107	33	2	40	3.77	- 1.80	0.80	0	9	20	2	2	se.	Prof. M. F. Troxell.										
Beloit.	Mitchell.	1,383	16	65.8	.....	97	10	27	2	46	2.70	- 0.86	0.80	0	10	12	11	8	s.	F. A. Slack.										
Blakeman.	Rawlins.	2,894	14	62.2	.....	97	187	25	1	53	1.84	- 0.68	0.80	0	10	12	10	9	s.	C. L. Henderson.										
Blue Rapids.	Marshall.	1,105	5	65.5	.....	97	25	31	2	46	0.86	.....	0.56	0	5	23	0	8	se.	M. Norton.										
Centralia.	Nemaha.	1,256	2	66.2	+ 6.2	95	24	29	2	46	1.81	.....	0.43	0	5	18	4	12	s.	N. S. Hazen.										
Chapman.	Dickinson.	1,113	7	67.7	.....	97	25	31	2	44	2.02	.....	0.49	0	4	7	9	15	s.	Dr. R. McShea.										
Clay Center.	Clay.	3,193	10	66.6	+ 2.8	98	97	30	2	44	1.87	.....	0.60	0	4	7	9	15	s.	O. L. Slade.										
Colby.	Thomas.	1,398	27	66.3	+ 2.6	94	24	31	2	35	2.94	- 1.76	1.06	0	9	5	17	9	s.	G. H. Kinkel.										
Concordia.	Cloud.	1,398	27	65.4	.....	98	9	27	2	44	1.83	- 1.76	1.40	0	6	3	20	8	s.	U. S. Weather Bureau.										
Densmore.	Norton.	2,200	27	65.4	+ 1.2	96	24	28	2	43	2.12	- 3.60	0.92	0	4	13	3	17	s.	J. J. Griffith.										
Dresden.	Decatur.	2,731	17	61.0	+ 1.2	97	18	26	1	52	1.21	- 0.75	1.79	T.	6	6	18	7	s.	Jacob Bock.										
Ellsworth.	Ellsworth.	1,537	7	65.2	.....	95	24	26	2	40	1.46	- 1.46	0.67	0	6	6	18	24	s.	Geo. Seitz.										
Enterprise.	Enterprise.	1,144	9	68.4	.....	97	24	31	2	41	1.37	- 3.01	0.54	T.	7	12	14	5	s.	H. O. Wagner.										
Eskridge.	Wabaunsee.	1,412	5	67.1	.....	92	24	31	2	40	2.04	- 1.38	0.73	0	7	17	3	11	s.	Geo. D. West.										
Farnsworth.	Lane.	2,850	10	65.2	+ 4.2	100	9	26	17	46	1.56	- 0.78	0.90	0	8	17	7	11	s.	C. M. Jennison.										
Fort Scott.	Bourbon.	857	36	68.4	+ 2.8	94	24	30	2	44	3.80	- 2.28	2.05	0	9	17	3	11	sw.	E. A. Shaver.										
Frankfort.	Marshall.	1,146	17	67.2	+ 3.1	96	24	28	2	43	2.12	- 3.60	0.92	0	4	13	3	20	s.	E. C. Dunham.										
Garnett.	Anderson.	950	4	68.																										

TABLE 1.—Climatological data for May, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<b>Kansas—Contd.</b>																					
Topeka.	Shawnee.	907	25	68.1	+ 3.1	95	24	35	2	33	1.91	- 2.97	0.72	0	9	13	15	3	s.	U. S. Weather Bureau.	
Valley Falls.	Jefferson.	913	12	68.0	+ 4.0	94	24	31	2	39	1.50	- 3.23	0.55	0	5	21	9	1	se.	Miss Nettie Maxwell	
Vinland.	Douglas.	880	2								2.35	-	0.80	0	9					A. Schick.	
Walkeeney.	Trego.	2,456	28	64.0	+ 1.5	99	9	27	1	45	2.37	-	0.60	1.13	0	13	17	6	8	s.	
Wallace.	Wallace.	3,303	41	64.3		99	24	26	1	49	0.52	-	2.11	0.37	0	4	2	22	7	sw.	A. S. Peacock.
Wamego.	Pottawatomie.	1,002	18								2.37	-	2.92	0.75	0	6	13	7	11	sw.	M. T. Griggs.
																				M. L. Stone.	
<b>Missouri.</b>																					
Amore.	Bates.	850	3	69.2		92	19†	31	2	36	2.07	-	1.40	0	4	17	10	4	sw.	Darby Fruit Farm.	
Appleton City.	St. Clair.	853	21	69.3	+ 4.2	96	26	32	2	41	0.64	-	5.59	0.20	0	6	8	23	0	s.	T. C. Brown.
Arlington.	Phelps.	695	22								1.00	-	3.78	0.45	0	3	21	3	7	s.	George V. Randolph.
Arthur.	Vernon.	767	19	69.0	+ 4.7	94	24	30	2	40	1.89	-	4.59	0.60	0	5	16	14	1	sw.	J. T. Armstrong.
Avalon.	Livingston.	24	67.9	+ 4.4	90	24†	34	2	34	2.47	-	2.86	0.88	0	5	22	8	1	sw.	F. G. Ashbaugh.	
Bagnell.	Miller.	594	16								0.35	-	4.53	0.30	0	2	21	0	10	e.	W. S. Brockman.
Bethany.	Harrison.	881	22	66.8	+ 4.8	91	25	34	2	31	3.13	-	2.00	1.13	0	7	22	5	4	sw.	W. H. Skinner.
Bolivar.	Polk.	1,070	24	67.8	+ 2.8	95	24†	27	2	44	0.87	-	4.54	0.69	0	4	20	11	0	sw.	E. Waltz.
Boonville.	Cooper.	600	36								1.42	-	4.05	0.70	0	6	14	7	10	sw.	C. Randecker.
Brunswick.	Chariton.	652	31	69.4	+ 5.7	94	24†	35	2	42	2.16	-	5.04	1.32	0	5	12	10	9	se.	Louis Benecke.
Columbia.	Boone.	784	22	68.7	+ 4.2	94	24	33	2	33	1.27	-	3.59	0.58	0	7	20	4	4	s.	U. S. Weather Bureau.
Conception.	Nodaway.	932	28	66.5	+ 5.4	92	24	32	2	35	3.14	-	1.67	0.95	T.	7	13	12	6	s.	Fr. Adhelm Hess.
Eldorado Springs.	Cedar.	750	7	68.8		96	24	31	2	46	0.13	-	0.13	0.13	0	1	22	5	4	sw.	Samuel Graham.
Fayette.	Howard.	729	29	68.8	+ 4.6	92	24†	35	2	33	0.96	-	3.99	0.30	0	7	25	3	3	sw.	Prof. T. Berry Smith.
Fulton.	Callaway.	818	21	68.4	+ 4.4	93	28	33	2	39	1.66	-	3.20	0.73	0	8	7	23	1	sw.	Dr. J. L. Brennenman.
Glasgow.	Howard.	618	33								0.83	-	5.84	0.46	0	3	16	8	7	se.	J. J. Shaughnessy.
Grant City.	Worth.	1,130	19	67.4		95	25	33	2	34	3.72	-	1.28	1.60	0	8	19	6	5*	s.	W. H. Campbell.
Harrisonville.	Cass.	912	40	72.0	+ 8.2	96	20	35	2	42	0.76	-	3.99	0.38	0	6	8	4	19	sw.	A. J. Sharp.
Hazelhurst.	Livingston.	19									4.60	-	0.49	1.31	0	11					W. H. Baker.
Hermann.	Gasconade.	482	37								2.19	-	2.20	0.76	0	8	19	4	8	e.	C. T. Maushund.
Houston.	Texas.	1,280	19	66.9	+ 2.3	95	28	30	2	39	0.25	-	4.42	0.25	0	1	9	21	1	s.	E. Dempsey.
Jefferson City.	Cole.	628	30	68.2	+ 3.1	96	24†	31	2	45	1.51	-	2.78	0.92	0	8	23	0	8	s.	Miss Emma Swift.
Kansas City.	Jackson.	963	22	68.6	+ 4.1	92	24	36	1	28	1.10	-	4.01	0.48	0	9	12	15	4	s.	U. S. Weather Bureau.
Kidder.	Caldwell.	1,017	20	67.2	+ 4.7	91	8	33	2	31	4.15	-	1.93	1.20	0	13	11	7	7	sw.	J. F. Sharp.
Lamont.	Pettis.	803	23	69.7		94	24†	38	2	43	1.32	-	3.93	0.40	0	6	12	8	10*	sw.	Dr. W. E. Walker.
Lebanon.	Laclede.	1,203	23	69.6	+ 3.8	93	24†	32	2	34	0.36	-	5.72	0.20	0	3	18	10	3	s.	M. W. Serl.
Lexington.	Lafayette.	813	30	69.1	+ 5.1	92	24	36	2	34	2.70	-	2.43	1.03	0	9	19	1	11	s.	J. W. Keithley.
Liberty.	Clay.	864	23	70.2	+ 6.2	95	24†	36	2	39	2.09	-	3.37	0.97	0	8	13	13	5	sw.	W. C. Wilmott.
Lockwood.	Dade.	1,058	17	66.4		93	28	32	2	38	0.29	-	4.70	0.14	0	3	27	1*	2*	sw.	C. S. Crow.
Marshall.	Saline.	779	21	68.8	+ 5.0	93	25	35	2	37	2.79	-	2.43	1.50	0	6	25	4	2	sw.	Dr. W. H. Black.
Marshfield.	Webster.	1,492	2								3.52	-	1.10	0	0	6	17	0	14	se.	C. A. McCombs.
Maryville.	Nodaway.	1,160	22	66.4	+ 4.8	94	24	31	2	38	2.81	-	2.49	1.04	T.	11	20	2	9	s.	J. R. Brink.
Mount Vernon.	Lawrence.	1,480	32	68.9	+ 3.2	93	19†	29	2	44	1.74	-	3.98	1.44	0	4	22	7	2	sw.	J. R. White & Son.
Nevada.	Vernon.	860	18								0.78	-	5.42	0.22	0	3	23	7	1	sw.	C. Jewell.
Oregon.	Holt.	1,113	56	65.2	+ 1.9	91	24†	30	2	44	4.72	-	0.12	2.06	T.	9	19	2	10	s.	Tom Curry.
Oscceola.	St. Clair.	738	13								0.48	-	6.48	0.15	0	6	15	9	7	sw.	W. E. Matthews.
Pattonsburg.	Davies.	2									3.52	-	1.10	0	0	6	17	0	14	se.	Wm. Burton.
Rolla.	Phelps.	1,092	31	69.1	+ 5.7	92	25†	32	2	38	1.91	-	3.30	1.44	0	6	24	4	3	s.	Prof. P. J. Wilkins.
St. Charles.	St. Charles.	614	34	69.4	+ 8.0	94	28	31	2	35	0.94	-	3.39	0.60	0	2	23	6	2	s.	L. C. Seager.
St. Joseph.	Buchanan.	825	40	68.0		94	24	35	2	33	5.31	+ 0.94	1.45	0	13	13	10	8	s.	U. S. Weather Bureau.	
St. Louis.	St. Louis City.	507	40	71.4	+ 4.9	94	26	39	2	27	2.26	-	1.98	1.22	0	4	22	7	2	s.	Do.
Sublett.	Adair.	1,000	32	66.7	+ 4.5	90	24	32	2	38	3.40	-	2.14	1.00	0	7	16	10	5	s.	Lewis Spriggs.
Trenton.	Grundy.	812	17	68.2	+ 4.8	90	16	35	2	36	4.18	-	1.23	0.96	0	11	24	1	6	s.	W. H. Estes.
Unionville.	Putnam.	1,072	19	65.0	+ 2.2	89	27	33	2	34	5.18	-	0.79	1.85	0	11	16	5	10	s.	Geo. W. Davis.
Warrensburg.	Johnson.	883	32	70.0	+ 5.0	93	24	37	2	33	1.63	-	3.27	1.10	0	6	22	5	4	sw.	A. F. Smithson.
Warrenton.	Warren.	885	22	69.6	+ 5.0	95	28	34	2	38	1.62	-	3.29	0.63	0	6	18	7	6	sw.	Dr. John H. Frick.
Warsaw.	Benton.	700	8	68.8d		97	24†	31	2	44d	0.70	-	0.29	0	5	23	4	4	sw.	Dr. J. R. Smith.	
Wheatland.	Hickory.	920	19																	Mrs. S. A. Jackson.	

\*, b, c, etc., indicate respectively, 1, 2, 3, etc., days missing from the record.

† Also on other dates.

\*\* Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for May, 1911. District No. 6, Missouri Valley.*

TABLE 2.—*Daily precipitation for May, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for May, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for May, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<b>Colorado—Contd.</b>																																			
Burlington.....	Republican.....			.02	.06			.04			.02			.25		.20																	.90		
Cassells.....	South Platte.....																																	.62	
Castle Rock.....	do.....	T.						T.			T.			T.		.10	.15			T.	.35	.45	T.										.05		
Cheeseman.....	Smoky Hill.....			.04	.04			.12												T.	T.													.05	
Cope.....	Republican.....																																	.97	
Corona.....	South Platte.....	.19		.47																														.32	
Denver.....	do.....			T.	T.	T.		.01	T.																									.23	
Edgewater.....	do.....			T.	T.	T.		.06	T.																									.62	
Estes Park Fish H'y.....	do.....								T.																									.25	
Fort Collins.....	do.....																																	.72	
Fort Lupton.....	do.....																																	.24	
Fort Morgan.....	do.....																																	.32	
Frances.....	do.....																																	.14	
Fry Ranch.....	do.....																																	.52	
Georgetown.....	do.....																																	.05	
Greeley.....	do.....																																	.66	
Hartsel.....	do.....																																	.01	
Hawthorne.....	do.....																																	.55	
Holyoke (near).....	do.....																																	.79	
Idaho Springs.....	do.....																																	.79	
Keota.....	do.....																																	.79	
La Porte.....	do.....																																	.63	
Leroy (near).....	do.....																																	.85	
Longmont.....	do.....																																	.74	
Longs Peak (near).....	do.....																																	.73	
Lula Pass.....	do.....																																	.00	
Moraline Park.....	do.....																																	.00	
Platte Canon.....	do.....																																	.33	
St. Cloud.....	do.....																																	.25	
Sedgwick.....	do.....																																	.47	
Sill Mine.....	do.....																																	.74	
Spicer (near).....	do.....																																	.02	
Sterling.....	North Platte.....																																	.99	
Waterdale.....	do.....																																	.76	
Wray.....	Republican.....	.06																																.50	
Yuma.....	do.....	.08																																.02	
<b>Nebraska.</b>																																			
Ainsworth.....	Niobrara.....																																	.50	
Albion.....	Loup.....	.23		.04																															.38
Alliance.....	North Platte.....	.40	T.	T.	T.	T.		.15																										.90	
Alma.....	Republican.....	.28																																.61	
Anoka.....	Niobrara.....																																	.50	
Ashland.....	Platte.....	.13		.26					.10		.91									T.	.33	.87	.13										.68		
Atkinson II.....	Elkhorn.....																			T.	.21	.51	.10										.68		
Auburn II.....	Lt. Nemaha.....	.06		.28	.10															T.	.20	.60											.24		
Beatrice.....	Blue.....	.08		.31				.08												T.	.96	.19	.07										.04		
Beaver City.....	Republican.....			.16															T.	.142	.16												.04		
Bellevue.....	Missouri.....	.20																	T.	.150	.08	.03										.29			
Blair.....	do.....	.11		T.														T.	.22	.19	.65											.75			
Bloomfield.....	do.....																	T.	.120														.40		
Bridgeport.....	North Platte.....	.70		.65														T.	.20														.30		
Broken Bow II.....	do.....																	T.	.60														.30		
Burge.....	Niobrara.....																	T.	.165	.30													.61		
Callaway.....	Loup.....																	T.	.103	.40													.64		
Cambridge.....	Republican.....																	T.	.05	.06	T.											.64			
Canton (near).....	North Platte.....	.15	T.	T.	T.	.07	T.	T.										T.	.05	.04	.04										.76				
Columbus II.....	Loup.....	.35																T.	.343	.05													.51		
Creighton.....	Missouri.....																	T.	.64	.T.	.08											.08			
Curtis.....	Republican.....	.10		.07	T.	.08		.20										T.	.10	.40												.26			
David City.....	Blue.....	.41		.11	T.	T.	T.	.13										T.	.02														.45		
Dawson.....	Blue.....	.30		.18	.06													T.	.257	.33													.64		
Elsie II.....	Republican.....	T.																T.	.03				</td												

TABLE 2.—*Daily precipitation for May, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Nebraska—Contd.</i>																																		
Loyal.....	Loup.....		.34	.40			T.	T.													T.	T.	*	2.35			21						3.30	
McCook.....	Republican.....																				T.	1.10											1.25	
Madison.....	Elkhorn.....	T.		.14																	T.	1.48	.05										2.33	
Marquette.....	Platte.....	.05		.60	T.																T.	1.52	.18										2.58	
Mason City II.....	Loup.....		2.40	.52																	T.												3.32	
Minden.....	Blue.....	T.	.50																			.06												1.76
Mitchell II.....	North Platte.....			.04																	T.	.09												0.75
Nebraska City.....	Missouri.....	.16		.10	T.																T.	1.10											2.49	
Norfolk.....	Elkhorn.....	.06																			T.												1.68	
North Loup.....	Loup.....	.37		.32																	T.												3.31	
North Platte.....	Platte.....		.11	.10	.01															T.												1.73		
Oakdale.....	Elkhorn.....			T.																T.												2.55		
Omaha.....	Missouri.....	.04		T.																T.												2.70		
Ord.....	Loup.....	.05		.33																T.												1.96		
Palisade.....	Republican.....																			T.												1.44		
Pawnee City.....	Gt. Nemaha.....																			T.												1.16		
Paxton.....	South Platte.....	.07	.01	.01	.01	T.														T.												1.79		
Plymouth II.....	Blue.....	.05	.30																	T.												2.96		
Purdum.....																			T.												2.72			
Ravenna.....	Loup.....	.30	T.	.40																T.												1.62		
Red Cloud.....	Republican.....		T.	.60																T.												3.89		
St. Libory.....	Loup.....	.05	.79																	T.												1.97		
St. Paul.....		.10	.61																	T.												4.43		
Santee.....	Missouri.....	.30																		T.												1.97		
Sargent II.....	Loup.....		.25																	T.												3.95		
Schuyler.....	Platte.....		.18																	T.												4.22		
Scottsbluff.....	North Platte.....	T.	.01	T.	.81															T.												2.05		
Seward II.....	Blue.....	.32		.18	T.	.50														T.												0.86		
Sheridan.....	Loup.....	.02																		T.												2.21		
Sidney.....	South Platte.....		.03	.07	.01															T.												1.71		
Springview.....	Niobrara.....																			T.												2.91		
Stanton.....	Elkhorn.....																			T.												2.21		
Stratton II.....	Republican.....																			T.												1.33		
Superior.....		.55		.05																T.												2.10		
Syracuse.....	Lt. Nemaha.....	.15	.20																	T.												2.26		
Tecumseh.....	Gt. Nemaha.....		.27																	T.												1.78		
Tekamah.....	Missouri.....	.88																		T.												4.09		
Tobias.....	Blue.....	.06	.37		T.	.13														T.												3.44		
Valentine.....	Niobrara.....	.04		.31	T.	.13														T.												1.37		
Wahoo.....	Platte.....		.10																	T.												3.50		
Wakefield.....	Elkhorn.....																			T.												1.44		
Walhill.....	Missouri.....	.12																		T.												2.52		
Watertown.....	Platte.....		.27		.10															T.												2.94		
Wauneta.....	Republican.....	.21	.13		T.	.55														T.												1.75		
Weeping Water.....	Missouri.....																			T.												4.01		
Westpoint.....	Elkhorn.....	T.																		T.												2.96		
Wesner.....	Blue.....	.12																		T.												2.84		
York.....		.55	.59																	T.												2.91		
<i>Iowa.</i>																																		
Afton.....	Missouri.....																			T.												2.00		
Allerton.....	Charlton.....	.04																		T.												1.80		
Alton.....	Floyd.....	.87		T.																T.												2.16		
Atlantic.....	Nishnabotna.....	.08		T.																T.												4.32		
Audubon.....																				T.												3.59		
Bedford.....	Missouri.....	.12																		T.												3.35		
Centerville.....	Charlton.....	T.																		T.												3.35		
Charlton.....																			T.												4.57			
Clarindall.....	Nodaway.....	.12	T.	.02																T.												4.74		
Corning.....																			T.												3.85			
Council Bluffs.....	Missouri.....	.08	T.	.53	.16														T.												4.05			
Creston II.....		.81	T.																T.												2.88			
Cumberland.....	Nodaway.....																		T.												2.86			
Denison.....	Missouri.....	.10																																

TABLE 2.—*Daily precipitation for May, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<b>Kansas—Contd.</b>																																			
Clay Center	Republican		.57	.01	.02	.04	T.	.03														.60											.60	1.87	
Colby	do		T.	.45																		.39	.67											1.19	
Concordia	do			.04	.15	T.	T.	.34													.01	.91	.01										2.94		
Densmore	Solomon					.01	T.	T.	T.	T.	T.											1.40	.14										1.83		
Dresden	Republican	.05	T.	.03																		T.	T.	1.79	T.									2.12	
Ellsworth	Smoky Hill			.07	T.	.05	.13	T.																										1.46	
Enterprise	do		T.																																1.37
Eskridge	Kansas			.21																	T.													10	2.04
Farnsworth	Smoky Hill			T.	.05	.02																												1.56	
Fort Scott	Marmaton				.40																													2.06	
Frankfort	Blue																																	3.80	
Garnett	Osage			.51																														2.12	
Goodland	Smoky Hill				.04	.06		.02																									2.55		
Gove	Blue						.05																											1.09	
Hanover	do			.06	.38																													1.48	
Harrison	Republican					.60																												1.34	
Hays	Smoky Hill			T.	.15	.03	.14	.26																									2.53		
Hill City	Solomon				.12		.07	.08																									2.27		
Horton	Kansas			.05	.08	.22																											1.57		
Jewell	Republican	T.	.48																															2.26	
Lawrence	Kansas					.01																											1.42		
Leavenworth	Missouri																																	1.67	
Lebanon	Solomon			.55																													1.27		
Lindsborg	Smoky Hill																																	1.70	
Mankato	Republican																																	3.48	
Minneapolis	Solomon					.49																											2.03		
Moran	Marmaton																																	3.66	
Natoma	Saline																																	0.14	
Norton	Republican	T.	T.	.07	.15	.01	.03																										1.81		
Oberlin	do			.04	.03	.01																											2.65		
Oketo	Blue			.10	.33																													1.50	
Olathe	Kansas				.03																												1.22		
Osage City	Osage				T.	.26																											0.77		
Ottawa	do			.10																													1.67		
Phillipsburg	Solomon																																	1.42	
Pleasanton	Osage					.44																											2.76		
Republic	Republican			.02	.52																													1.52	
Russell	Smoky Hill				.42		.10																										0.77		
Russell Springs	do																																	0.82	
St. Francis	Republican					.04	T.	.01																									0.82		
Salina	Smoky Hill																																	3.18	
Scott	White																																	1.70	
Smith Center	Solomon																																	1.43	
Topeka	Kansas																																	1.91	
Valley Falls	do																																	2.35	
Vinland	do																																	2.37	
Wakeeney	Smoky Hill																																	1.4	
Wallace	do																																	0.52	
Wamego	Kansas																																	2.37	
<b>Missouri.</b>																																			
Amoret	Osage																																	2.07	
Appleton City	Gasconade																																	0.64	
Arlington	do																																	1.00	
Arthur	Osage																																	1.89	
Avalon	Grand																																	2.47	
Bagnell	Osage																																	0.35	
Bethany	Grand																																	0.87	
Bolivar	Osage																																	1.42	
Boonville	Missouri																																	2.16	
Brunswick	do																																	1.27	
Columbia	Missouri																																	3.14	
Conception	do																																	0.13	
Eldorado Springs	Osage	</																																	

TABLE 3.—*Maximum and minimum temperatures at selected stations for May, 1911. District No. 6, Missouri Valley.*

Date.	Wyoming.														Montana.													
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	60	38	42	25	36	26	54	34	48	28	54	30	55	33	48	26	60	39	68	34	57	31	59	30	58	26	60	28
2....	66	41	47	28	35	26	56	32	51	26	50	30	57	32	48	32	65	37	70	35	62	31	58	30	61	32	61	32
3....	68	47	55	30	47	30	66	36	66	32	62	33	54	37	57	30	72	37	68	34	70	40	65	44	63	32	68	40
4....	74	44	69	34	57	34	73	38	68	29	74	32	76	37	65	37	72	38	70	36	75	48	76	45	77	38	73	42
5....	89	45	72	37	54	39	82	37	72	40	80	35	86	37	72	41	92	38	77	40	91	51	85	46	84	40	90	46
6....	89	51	78	44	85	42	69	35	82	46	78	49	87	72	86	53	86	47	92	52	90	40	85	65	88	45	74	32
7....	66	46	64	40	68	38	72	30	70	40	75	33	72	28	60	28	76	34	88	32	70	36	66	31	68	32	72	36
8....	80	48	74	45	86	48	78	43	84	51	76	50	82	44	85	45	87	42	92	34	76	42	88	46	78	38	84	43
9....	66	45	78	46	89	43	84	43	80	48	74	45	82	46	85	45	96	48	92	33	83	41	85	45	81	41	71	41
10....	60	36	46	34	51	40	49	33	60	35	60	31	54	35	45	29	60	43	60	31	57	40	50	37	52	32	57	41
11....	70	32	61	31	68	31	63	35	60	35	60	31	60	35	53	26	66	32	66	34	63	39	68	34	63	35	66	35
12....	77	30	70	34	79	33	75	28	78	38	71	31	75	30	64	33	80	32	68	34	76	40	71	37	75	32	75	35
13....	74	40	72	45	83	45	73	48	81	48	72	45	81	41	82	36	82	40	70	35	78	48	60	43	70	40	82	47
14....	68	40	75	40	84	42	72	42	86	46	74	41	71	49	80	40	70	42	69	33	63	41	51	40	55	33	72	45
15....	73	52	76	47	85	51	62	44	85	54	70	43	75	57	85	38	76	52	65	34	55	49	56	41	58	40	67	37
16....	77	40	70	42	79	50	67	41	86	48	65	41	73	41	82	37	74	42	67	32	61	50	62	38	64	42	62	55
17....	76	42	78	44	86	35	64	52	88	42	68	42	73	47	85	33	71	42	68	35	62	45	59	38	62	41	67	44
18....	71	40	75	41	79	42	57	38	88	40	64	38	62	43	83	32	69	42	66	33	67	41	56	37	60	40	80	41
19....	76	44	50	35	58	39	52	27	70	35	56	33	54	35	45	29	63	35	67	34	56	45	59	39	67	32	57	41
20....	62	40	48	32	60	38	56	31	56	32	52	34	54	38	51	32	68	42	68	33	66	47	60	42	64	42	66	37
21....	64	40	56	31	66	34	68	31	70	33	67	35	70	36	61	32	78	34	70	35	73	41	71	39	70	34	75	45
22....	68	42	65	34	74	27	73	42	80	35	73	36	70	45	85	39	68	50	69	36	70	43	68	41	61	42	69	41
23....	80	41	79	37	86	27	79	38	86	42	76	42	67	39	89	32	60	43	67	34	56	38	68	33	50	35	63	37
24....	75	40	79	46	89	44	76	46	80	45	74	51	57	45	85	36	53	42	68	35	49	39	42	32	45	32	53	35
25....	76	41	79	48	84	48	75	47	88	48	77	45	64	42	83	32	55	45	69	33	45	40	44	32	43	34	49	38
Mns..	72.3	40.7	65.9	38.5	71.0	39.2	65.9	37.8	72.9	40.2	69.1	38.2	66.4	38.4	55.5	33.0	69.2	39.5	67.4	33.5	65.5	41.7	60.8	38.3	62.5	35.7	67.1	40.1
Date.	Montana.					North Dakota.							South Dakota.															
	Miles City.		Poplar.		Berthold Agency.	Bismarck.	Dickinson.	James-town.	Williston.	Aberdeen.	\$5	Huron.	Kadoka.	Kimball.	Lemmon.	Pierre.	Rapid City.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	58	24	56	30	57	14	47	18	53	15	41	20	48	30	53	23	48	25	45	23	46	22	50	26	47	26	50	26
2....	66	32	61	36	59	8	56	22	57	23	50	19	57	16	58	26	55	23	55	24	53	28	56	30	51	28	56	28
3....	68	43	59	39	67	23	64	29	63	26	60	18	64	33	63	24	60	23	54	36	57	31	57	36	54	33	61	33
4....	80	44	85	40	71	38	60	36	66	33	63	30	73	44	68	28	64	29	57	34	63	34	62	33	61	31	61	33
5....	90	52	92	51	86	43	79	44	84	39	69	38	87	50	74	36	68	37	72	43	62	37	67	46	75	38	75	38
6....	78	60	76	52	86	47	86	50	83	46	75	45	79	47	80	51	80	54	92	52	79	48	84	55	89	45	84	45
7....	76	34	72	31	86	33	72	45	70	30	80	39	73	35	71	31	73	49	86	52	73	56	87	49	87	49	87	49
8....	89	54	89	42	88	44	81	48	86	48	75	39	82	41	81	36	84	40	89	47	84	41	87	49	88	49	87	49
9....	66	56	72	51	87	57	89	54	79	53	80	51	78	41	95	58	96	58	91	61	91	52	96	52	97	54	96	54
10....	63	50	59	37	60	40	54	41	61	41	60	29	53	37	62	36	66	44	73	42	80	44	66	47	66	44	74	44
11....	63	41	60	38	58	38	57	37	58	33	42	32	49	35	59	38	64	41	67	49	68	39	65	45	63	41	63	41
12....	80	37	80	28	77	21	72	30	76	24	58	34	76	24	68	31	72	33	79	39	74	36	75	38	77	40	74	38
13....	88	50	88	49	86	41	84	50	81	48	76	44	83	48	81	40	88	52	88	54	85	49	89	57	87	55	89	55
14....	82	56	82	48	83	43	86	52	86	44	76	54	78	48	83	58	88	59	94	54	89	60	89	61	86	55	86	55
15....	70	57	75	49	75	55	62	54	64	50	70	51	60	50	82	58	86	65	91	60	89	60	91	63	84	56	86	56
16....	76	52	69	50	84	40	78	57	71	50	72	53	68	52	88	61	85	58	86	52	85	61	86	56	82	54	84	54
17....	74	48	73	43	73	43	92	54	79	47	80	49	75	46	86	54	93	50	95	48	92	64	94	58	95	51	91	51
18....	68	52	69	45	70	40	73	48	69	47	78	51	64	49	90	53	92	64	88	56	92	60	93	57	89	60	93	54
19....	68	52	69	45</																								

## MONTHLY WEATHER REVIEW.

MAY, 1911

TABLE 3.—Maximum and minimum temperatures at selected stations, May, 1911. District No. 6—Continued.

Date.	South Dakota.				Colorado.				Nebraska.								Nebraska.											
	Sioux Falls.		Watertown.		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	49	28	49	23	37	25	53	33	46	27	47	29	39	15	44	24	45	11	45	30	45	32	41	23	38	24	44	33
2.....	55	28	54	17	49	29	55	35	57	29	48	27	45	24	52	30	41	23	52	27	55	31	53	28	54	24	54	33
3.....	53	30	63	22	55	36	55	35	49	33	49	33	43	33	45	34	40	32	45	39	51	42	39	32	55	39	54	45
4.....	68	36	67	26	64	35	70	37	46	36	58	33	41	30	60	37	60	33	52	34	60	32	63	37	46	33	66	42
5.....	73	40	70	36	68	43	82	42	54	43	65	44	57	43	62	44	52	34	66	40	68	41	51	44	69	38	68	47
6.....	74	49	77	47	77	52	81	49	88	45	76	48	80	50	76	52	82	48	71	49	73	52	82	51	76	50	71	52
7.....	71	41	72	50	54	54	73	48	76	46	79	53	70	46	78	58	70	49	79	56	80	58	70	47	74	53	80	58
8.....	85	39	83	35	85	45	82	51	89	44	90	48	80	46	86	84	81	43	85	53	84	54	86	43	88	52	82	58
9.....	93	58	93	61	92	59	85	53	92	56	96	60	88	46	92	82	85	49	90	64	88	66	93	51	90	50	88	66
10....	79	48	86	43	76	47	63	43	52	58	55	65	40	83	83	70	39	94	67	93	49	74	46	71	52	91	52	82
11....	65	36	58	39	71	47	68	35	76	33	76	38	68	30	79	45	63	36	75	44	76	47	71	35	74	44	75	49
12....	77	50	70	26	72	42	79	41	81	37	76	38	82	45	75	34	81	43	76	47	82	47	75	40	72	52	82	52
13....	82	53	84	50	80	55	89	50	90	56	81	55	85	45	85	56	82	58	80	60	89	56	85	57	87	60	86	57
14....	94	60	87	58	90	67	81	49	87	61	84	63	85	50	80	67	85	51	83	61	85	57	90	63	85	65	85	65
15....	86	60	79	60	83	66	80	47	87	59	88	65	86	54	85	66	85	57	88	65	81	66	82	59	85	67	81	68
16....	86	63	84	57	88	64	79	44	81	47	88	62	79	40	89	63	81	44	85	63	86	66	82	49	90	62	86	70
17....	95	66	92	50	91	65	85	49	92	52	92	62	87	45	93	61	84	41	89	60	90	66	91	60	91	57	89	68
18....	85	59	91	66	94	70	84	52	93	56	94	70	88	39	96	68	80	45	91	60	91	71	94	52	95	65	91	71
19....	72	52	77	55	71	57	48	53	70	47	78	55	70	43	76	60	61	40	78	64	79	57	84	51	79	52	84	54
20....	70	46	80	51	64	51	52	34	62	40	67	43	65	40	66	52	58	37	66	52	69	51	66	39	65	48	73	54
21....	56	45	60	48	57	47	61	42	61	32	50	42	66	28	54	44	64	31	53	47	59	48	55	38	53	46	64	51
22....	68	40	70	49	67	50	71	38	68	46	65	43	68	34	66	42	65	37	57	41	61	43	62	46	62	48	62	56
23....	71	39	76	42	76	50	85	47	89	41	77	45	90	38	80	44	84	41	76	42	77	40	75	43	76	51	81	51
24....	87	65	85	54	87	57	84	56	94	51	93	55	98	44	80	58	84	48	92	57	94	61	95	49	89	52	93	63
25....	93	53	78	52	92	60	86	54	94	51	92	66	86	47	87	45	80	42	93	65	94	68	93	57	93	60	94	69
Mns....	77.1	48.3	75.3	45.5	74.5	51.7	73.0	44.9	76.2	46.2	76.2	51.1	72.7	41.2	75.4	53.0	69.8	39.8	75.2	52.8	76.4	54.3	72.5	46.5	75.3	49.0	76.2	56.4

  

Date.	Valentine, Nebr.	Iowa.				Kansas.				Missouri.				Missouri.				Missouri.				Missouri.				
		Clarinda. <sup>§§</sup>		Sibley. <sup>§§</sup>		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Union- ville. <sup>§§</sup>		
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1.....	38	20	46	33	48	29	46	31	47	32	56	33	51	37	52	27	46	38	50	36	61	41	45	38	38	
2.....	45	21	56	30	54	26	53	31	50	31	53	27	56	35	58	28	53	33	58	39	56	45	53	45	58	36
3.....	46	36	45	33	62	25	56	40	60	30	47	40	52	41	50	45	54	42	48	40	50	45	53	45	58	40
4.....	48	39	60	36	68	28	65	39	48	36	61	40	58	44	65	45	47	40	64	44	62	45	67	40	66	36
5.....	56	47	60	36	72	35	68	40	52	36	65	42	69	44	69	44	55	45	68	48	65	45	70	45	67	36
6.....	80	51	59	39	74	38	72	50	89	46	70	53	69	51	73	47	81	50	73	45	72	48	70	51	72	40
7.....	69	47	82	47	74	50	72	56	82	50	80	60	88	65	82	57	78	57	79	50	80	56	76	56	80	50
8.....	83	48	86	58	85	42	82	51	92	43	87	60	90	61	92	61	96	66	98	64	98	64	98	62	98	54
9.....	91	51	91	60	90	46	87	64	98	44	92	67	90	65	90	63	99	61	97	68	98	68	98	65	98	66
10....	62	40	88	62	87	58	81	48	79	52	93	50	96	68	90	58	97	61	98	64	98	65	98	66	98	66
11....	67	41	50	43	69	43	73	47	78	34	77	47	85	43	77	47	78	36	75	55	76	51	75	64	73	47
12....	76	42	53	44	72	33	68	46	90	48	51	53	88	49	82	51	83	53	82	49	80	57	83	63	80	50
13....	84	56	66	49	80	37	77	56	90	49	83	61	85	66	86	64	88	56	84	64	88	62	84	64	85	50
14....	90	61	82	52	89	54	86	54	89	55	93	66	88	65	87	71	81	55	86	66	88	64	88	64	88	54
15....	86	67	70	62	85	65	82	65	85	65	79	67	84	67	88	66	81	60	90	66	87	67	85	66	86	50
16....	84	54	88	63	89	64	88	68	89	50	86	66	86	65	90	73	80									